



ILLUSTRATED CATALOGUE

OF

Ornamental Carved Stone

IN

GWALIOR.

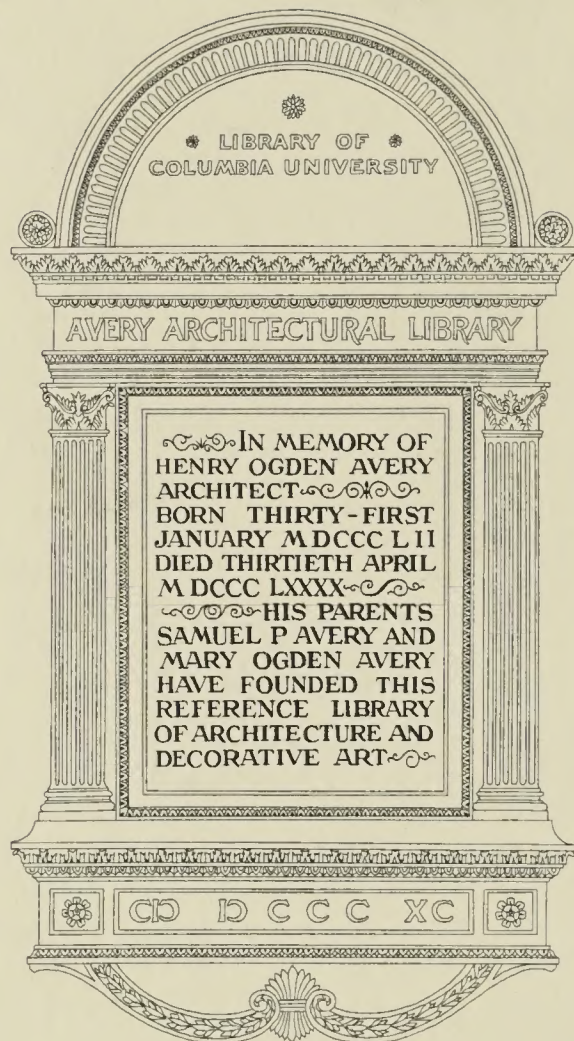
Published by the Department of Commerce and Industry,

GWALIOR.

With a Preface by Mr. E. Vredenburg.

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1909

Classics



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Unusual imprint.

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PRINTED AT
THE BOMBAY GAZETTE ELECTRIC
PRINTING WORKS.

1909

PREFACE

BY

ERNEST W. VREDENBURG, A.R.S.M., A.R.C.S., F.G.S.,

of the Geological Survey of India.

There is no other country where sandstone has been used so extensively as in India for purposes of building and of architectural carving.

The suitability of a sandstone as a material for construction depends on the constitution of the grains and on the degree of cohesion imparted by the cementing material.

The most durable free stone are sandstones in which the cementing material is silica, but where the pores have not been entirely choked up by the binding materials. When struck with a hammer, they have a tendency to break along the surfaces of separation between the component grains and the toughness of the rock as a whole is less than the hardness of its constituent particles. Yet as the binding material is quartz, it resists atmospheric weathering just as well as the component grain and the rock can with impunity remain exposed to the air. Sandstone of this type occur abundantly in India, especially in the Vindhian series, an extensive geological formation which derives its name from the Vindhian range or plateau of which it constitutes a considerable portion. These sandstones have furnished the material for most of the masterpieces of Indian Art, both ancient and modern. It is fortunate that Indian artists of all periods should have exercised their skill on such a perfect material, thus ensuring their admirable products a permanence that has not a little contributed to keep up the traditions of their art so full of life as at still remains to this day.

Some of the best varieties of Vindhian sandstones have the advantage of being very thick-bedded. They show no tendency to split along the direction of bedding for interval of 3,4,5 feet sometimes as much as 20 feet or more, the material being remarkably homogeneous throughout, indicating great constancy in the conditions that presided to the deposition of these sediments. In other cases, the presence of certain bands containing flakes of mica causes the rock to be fissile and divisible into layers less than a foot, sometimes less than an inch. These fissile varieties yield flags and stone beams that unite light

ness with a remarkable degree of strength, and can be put to innumerable uses ; railing posts, telegraph posts, roof beams, slabs for ceiling and floorings, etc. In certain parts of India public buildings and private dwellings, from the flooring to the walls, and to the rafters and ceilings, are constructed entirely of Vindhian sandstone.

The best qualities of Vindhian sandstone as such abound near Gwalior are remarkable for their fineness and evenness of grain. They are of very pleasing colour white or pale buff, acquiring with age a beautiful warm gold tint. Some varieties are pink. One particular kind of pale greenish grey stone is of such extreme fineness of grain, that, unless examined with a lens, the component particles are scarcely visible ; it is suitable for the most delicately carved ornaments. For the ornamental parts of building, nothing could be more suitable than these beautiful materials, especially with the additional charm of the exquisite decoration which the accomplished stone-carvers of Gwalior supply at such moderate terms. The freight is not of much consequence as it applies only to those ornamental portions which merely form an adjunct to buildings, the plain parts of which may be constructed of any local stone or of brick work.

In addition to these beautiful sandstones, the Vindhian formation in the neighbourhood of Gwalior includes a peculiar variegated limestone of great beauty, the Sabalgarh marble. Irregularly concentric bands of bright blue, yellow or green, are scattered mosaic like over a back ground of rich deep red, the surface of polished slabs being remarkably beautiful. The material which deserves to be better known has largely been used in the decorations of the Moghal buildings of Agra.

In these days when public and private efforts are directed with unfailing energy towards the revival of Indian Arts it is most gratifying to observe the encouragement given to the industry of stone carving (which has flourished for centuries in Gwalior) by the Gwalior Government. In this case, however, there is no question of revival merely one of further developement.

Nowhere is modern art more exuberant with vitality than at Gwalior. Some of the modern buildings of Gwalior, such as the commemoration Temple to the Queen Victoria College, Jeeyaji Hospital, Guest House at Lashkar (Gwalior), Tomb of Mohammad Ghos (at Gwalior), are amongst the purest architectural gems to be admired in any part of the world. As Major J. B. Keith rightly says the work of to-day is equal both in execution and designs to that of any other period ; compared with the works of other places such as Muttra, Agra, Mirzapur, Bhurutpur, Benares, Jaipur, etc., that of Gwalior is finer in execution and the examples in corbelled doorways, corrugated eaves brackets, &c., are more varied.

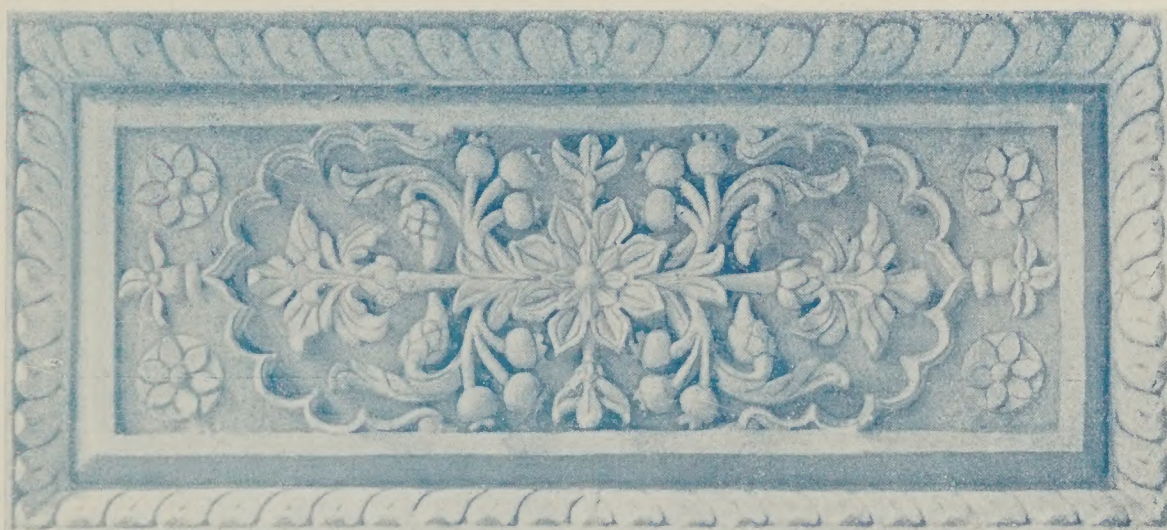
The Illustrations of this Catalogue proclaim eloquently enough the beauty of these artistic productions.

PANELS.



No. 1.

Price per square foot up to 6 ft. length and 4" thick	...	...	Re. 1-4
" " " " from 6 ft. " to 10 ft. length, 6" thick	...	...	Rs. 2



No. 2

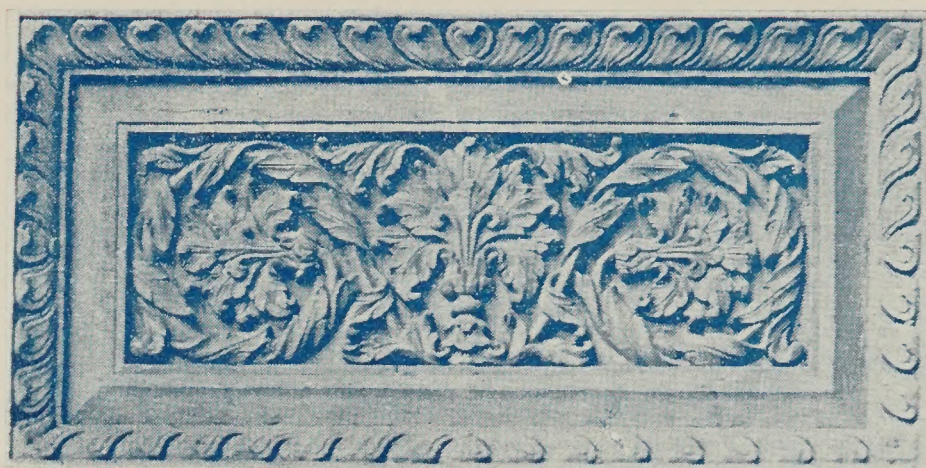
Price per square foot up to 6 ft. length and 4" thick	...	...	Re. 1-4
" " " " from 6 ft. " to 10 ft. length, 6" thick	...	...	Rs. 2



No. 3

Price per square foot up to 10 ft. length, 4" thick	...	...	Rs. 2
" " " " up to 6 ft. " 6" " "	...	...	" 2-12

PANELS—*continued.*



No. 4.

Price per square foot	up to 6 ft. length, 4" thick	...	...	Rs. 2
"	10 ft. " 6" "	...	...	" 2-12



No. 5

Price	Rs. 1-12	up to 6 ft. length.
"	Rs. 2-8	" 10 ft. "



No. 6

Price	Rs. 1-8	up to 6 ft. length.
"	Rs. 2-4	" 10 ft. "

PANELS--continued.



No. 7

Price **Re. 1-8** up to 6 ft. length.
 „ **Rs. 2-4** „ 10 ft. „



No. 8

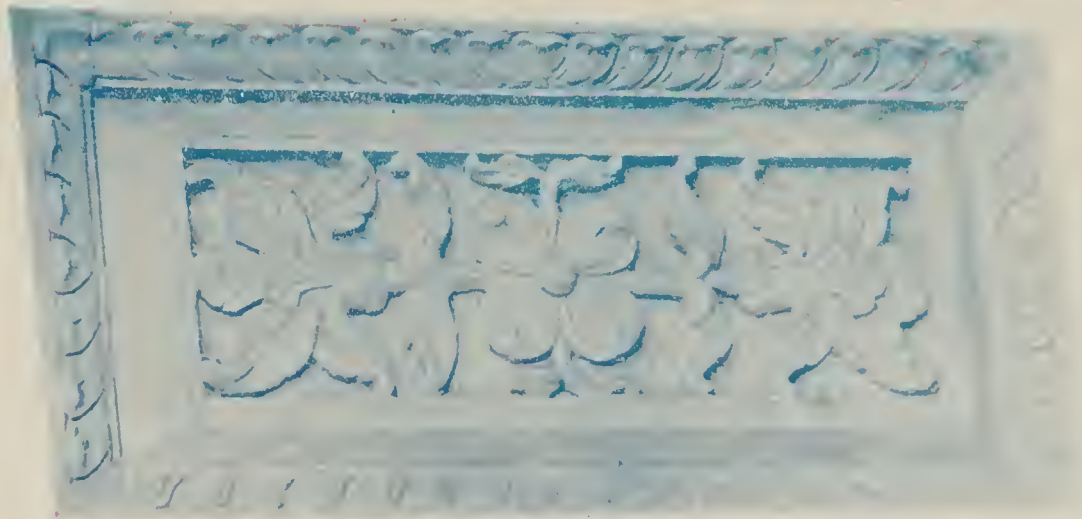
Price **Re. 1-12** up to 6 ft. length.
 „ **Rs. 2-8** „ 10 ft. „



No. 9

Price **Re. 1-8** up to 6 ft. length.
 „ **Rs. 2-4** „ 10 ft. „

PANELS—*continued.*



No. 10

Price per square foot up to 6 ft. length and 4' thick Re. 1-4
 " " " from 6 ft. " to 10 ft. length, 6' thick Rs. 2

PLINTH STRING COURSE.



No. 11

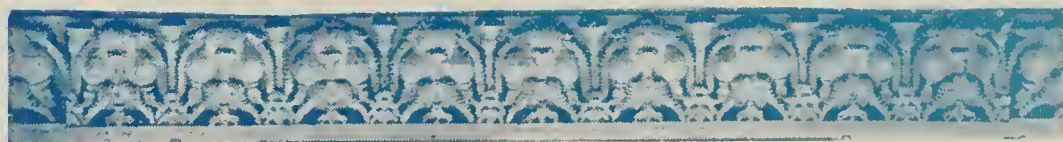
Per lineal foot 9" deep, 1'-6" wide Re. 1-1.2

STRING COURSE.



No. 12

Per lineal foot 9" deep, 1'-6" wide Re. 1-8



No. 13

Per lineal foot 6" deep, Rs. 2-8

PANELS.—*continued.*



No. 14.

Price per square foot, **Rs. 2-6**, 4" thick.

PLINTH STRING COURSE.



No. 15.

Price **Rs. 4** per lineal foot, One foot deep, 1'-6" wide.

PLINTH STRING COURSE.



No. 16.

Price **Rs. 4** per lineal foot, One foot deep, 1'-6" wide.



No. 17.

Price per lineal foot **Rs. 3-8**, One foot deep, 1'-6" wide.

MOULDING.



No. 18.

Price **Rs. 14** per lineal foot, 6" deep, 1" wide.



No. 19.

Plinth string course with moulding.

PLINTH STRING COURSE WITH MOULDING.



No. 20.

Price **Rs. 2-10** per lineal foot, 1" deep, 11'-6" wide.

PLINTH STRING COURSE.



No. 21.

Price **Re. 1-2** per lineal foot, 9" deep.



No. 22.

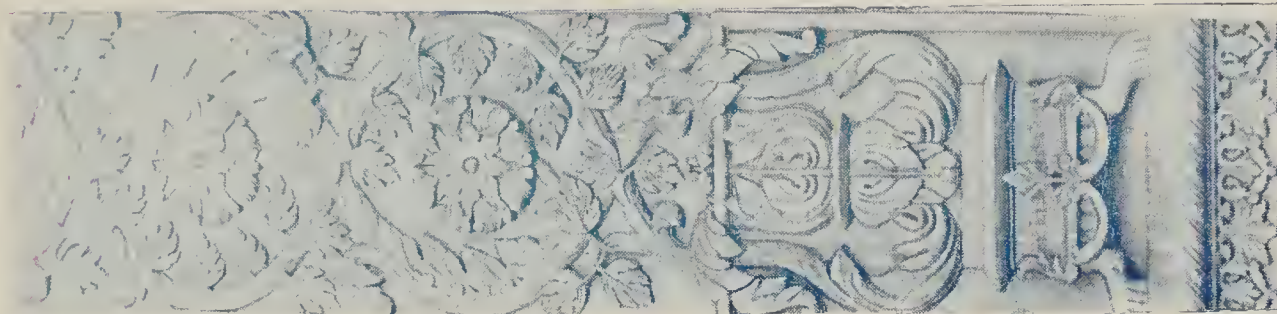
Price **Rs. 2-10** per lineal foot, 9" deep.

VERTICAL PANEL.



No. 23.

Rs. 5 per square foot, 4" thick.



No. 24.

Rs. 2 per square foot, 4" thick.

RAILING.



No. 25.

Price Rs. 2 per square foot, 3" thick.

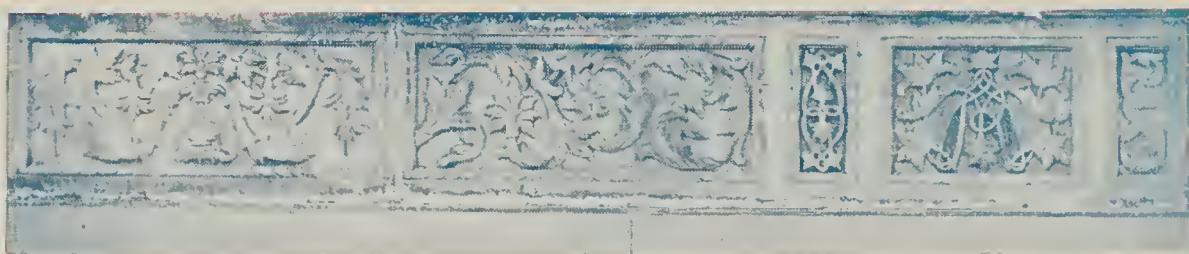
PANELS.



No. 26.

Price Rs. 2 per square foot, 3" thick.

PANELS—*continued.*



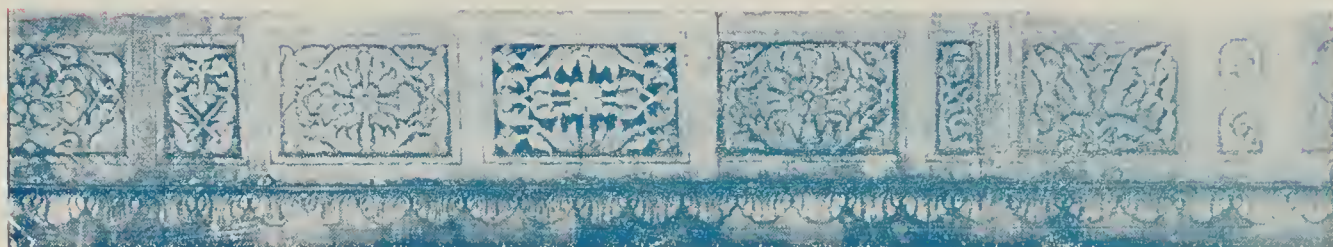
No. 27.

Price **Rs. 2-8** per square foot, 3" thick.



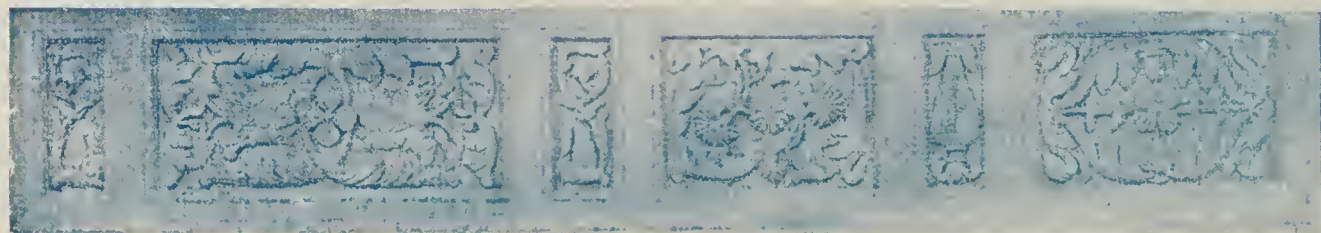
No. 28.

Price **Rs. 2-8** per square foot, 3" thick.



No. 29.

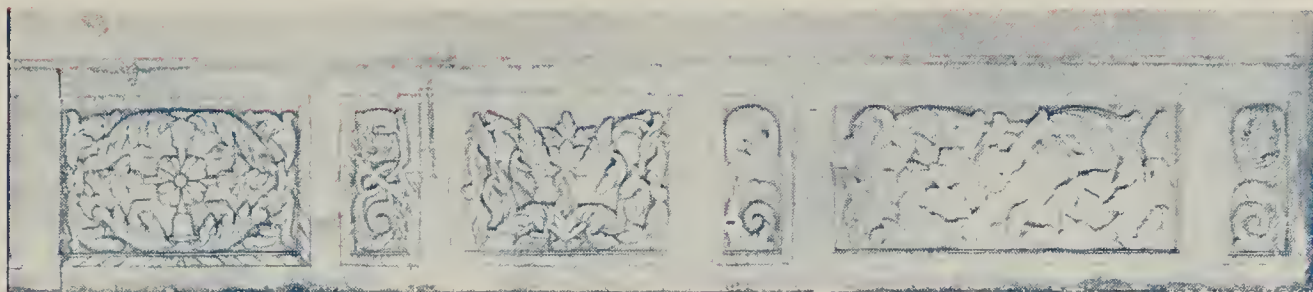
Price **Rs. 2-8** per square foot, 3" thick.



No. 30.

Price **Rs. 2-8** per square foot, 3" thick.

PANELS—Continued.



No. 31.

Price **Rs. 2** per square foot, 3" thick.



No. 32.

Half pillars for arching with panel between half pillars 9" thick. **Rs. 5** per square foot.



No. 33.

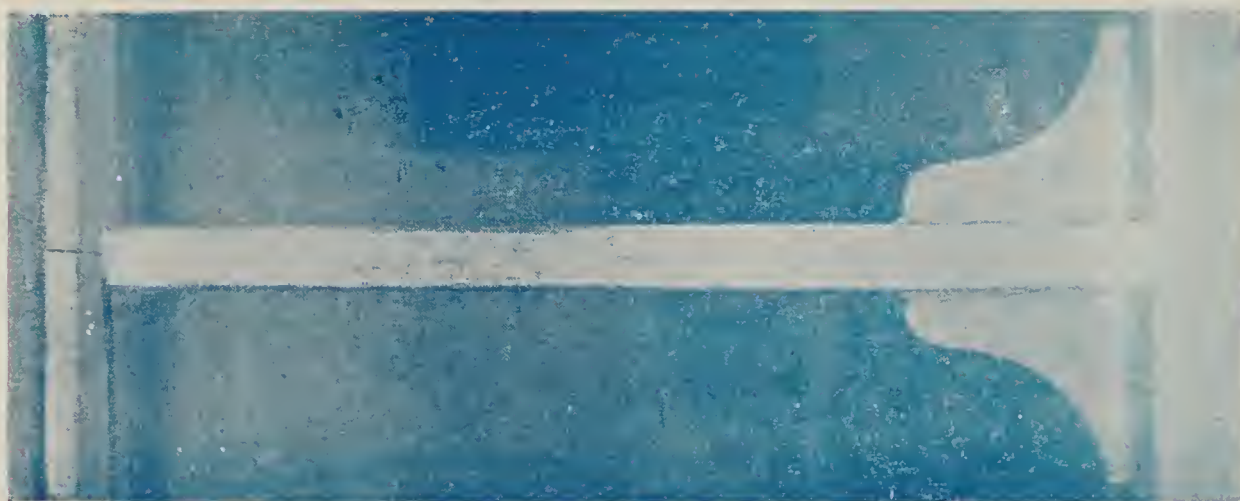
Arch pillars, **Rs. 3-8** per foot in height, one foot wide.

PILLARS.



No. 34.

Pillar 8" diam. with moulding **Rs. 3-8.**



No. 35.

Square pillar with Brackets, 8" square. **As. 10** per foot in height.



No. 36.

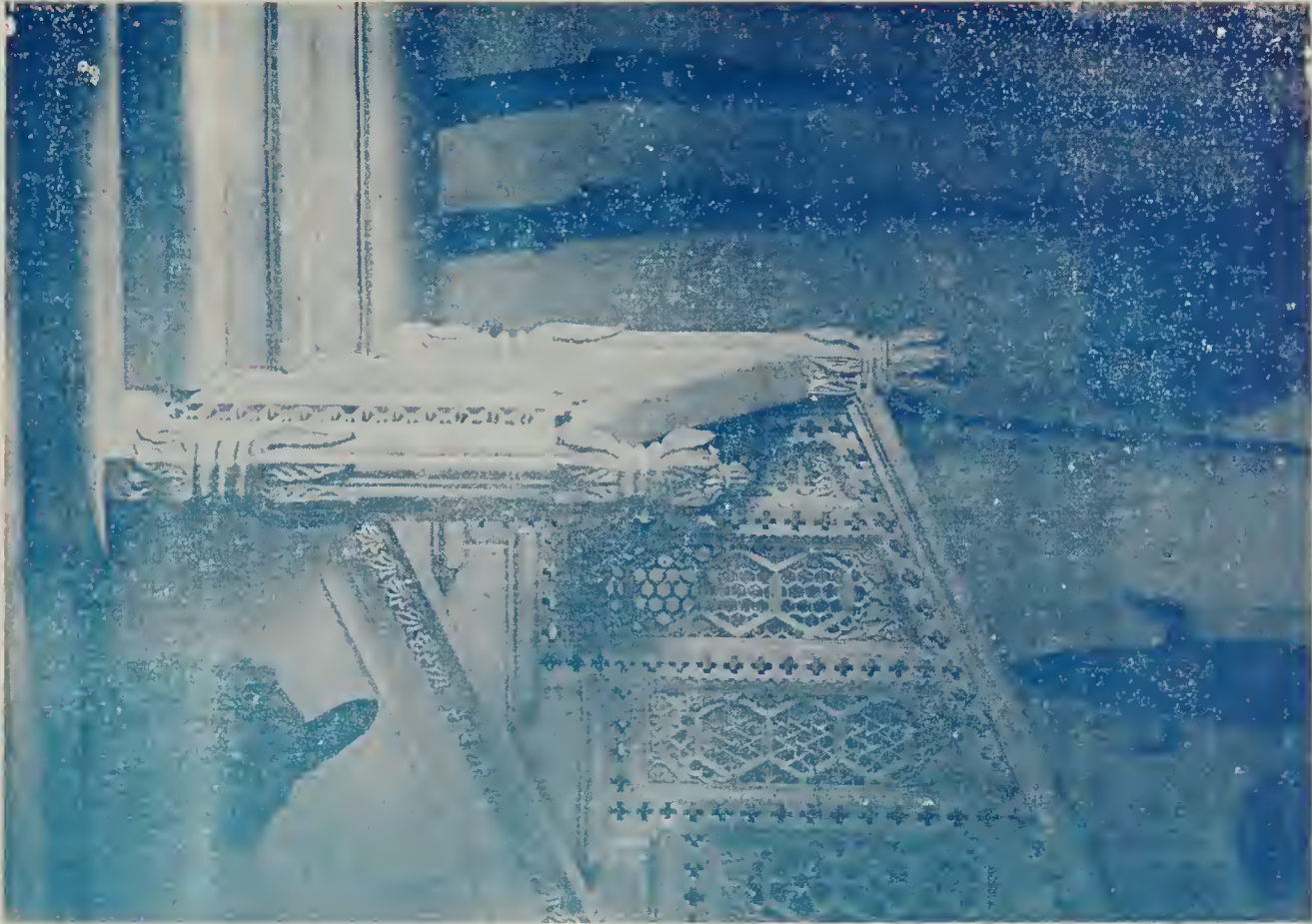
Round pillars 6" diam. **Re. 1** per foot in height.



No. 37.

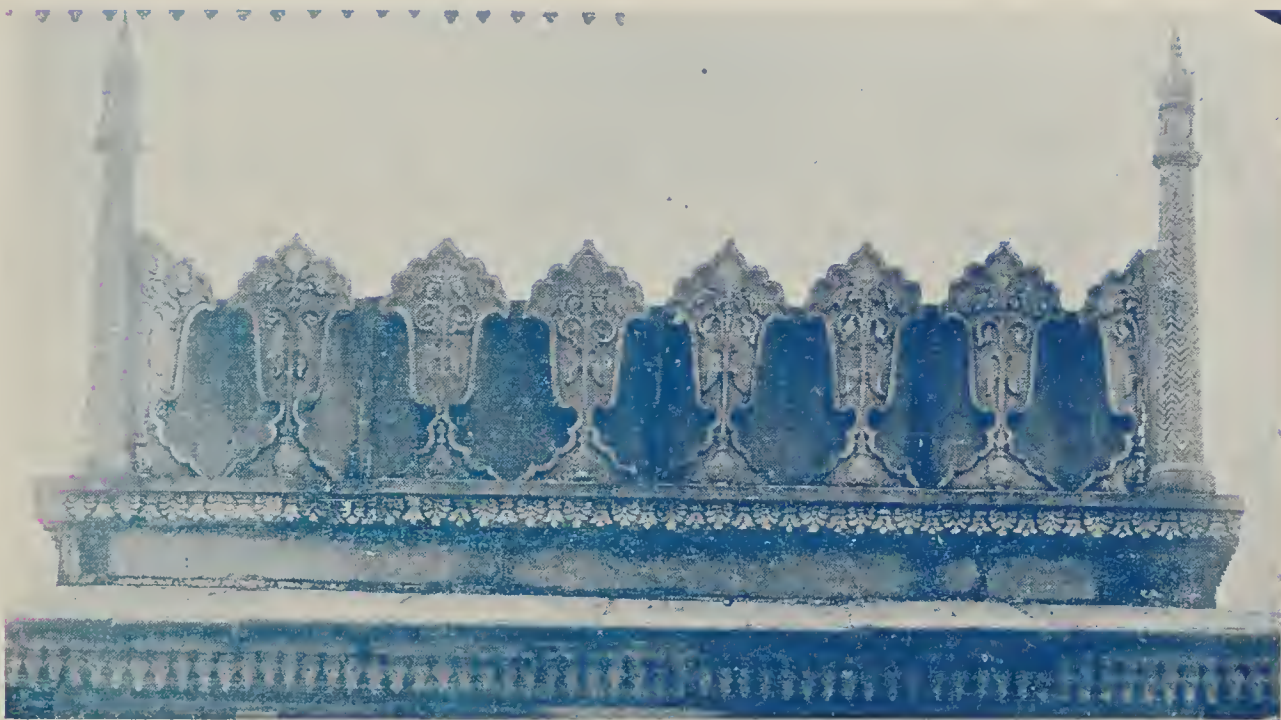
Rs. 2 per square foot, 4" thick.

STAIRCASE RAILING.



No. 38.
Price **Rs. 5** per square foot, 3" thick.

PARAPET.



No 39,
Price **Rs. 2** per lineal foot.

CHUJJA FRINGER.



No. 40.

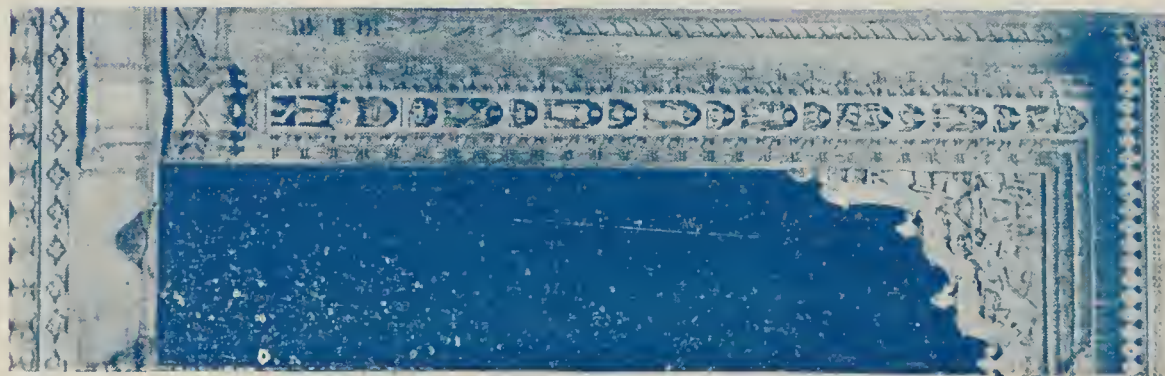
Price **Re. 15** per lineal foot.

ARCHING.



No. 41.

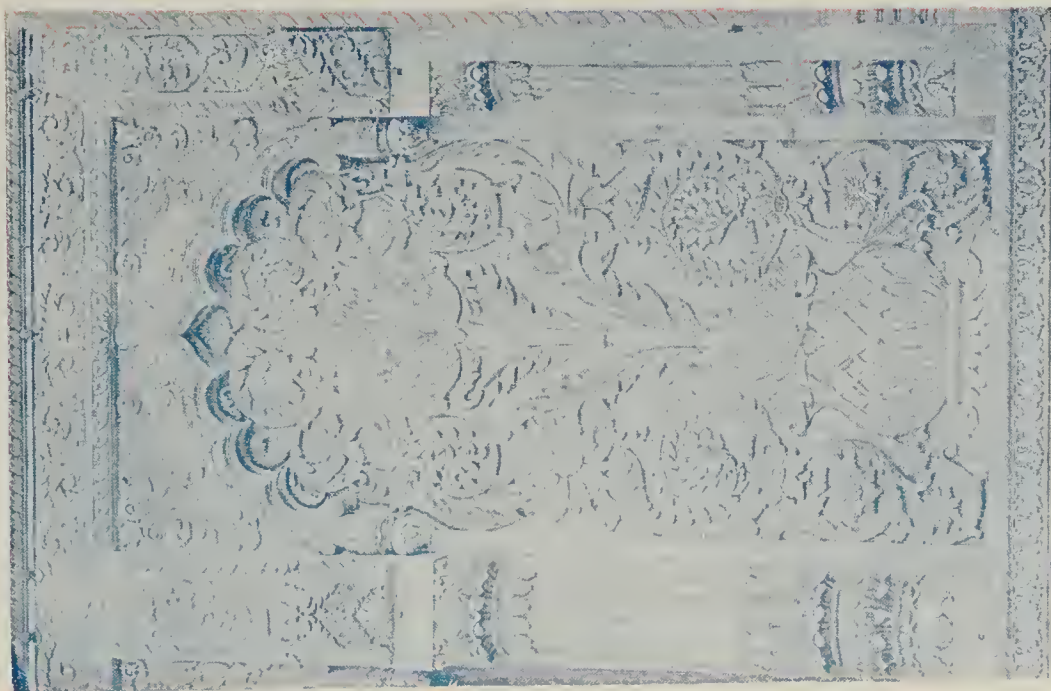
Re. 1 per cubic foot.



No. 42

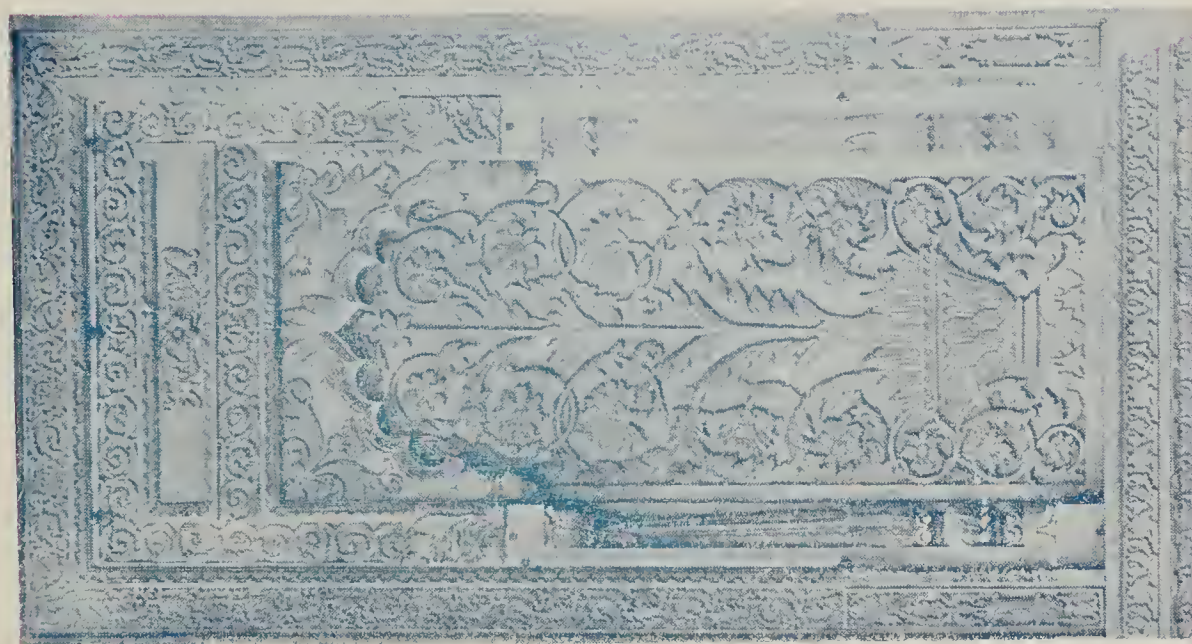
One opening of verandah or Balcony complete. **Rs. 125.** 7' wide, 9' high.

PANELS.



No. 43.

Panel in shape of doorway. **Rs. 100**, 6' long and 9'-6" high.



No. 44.

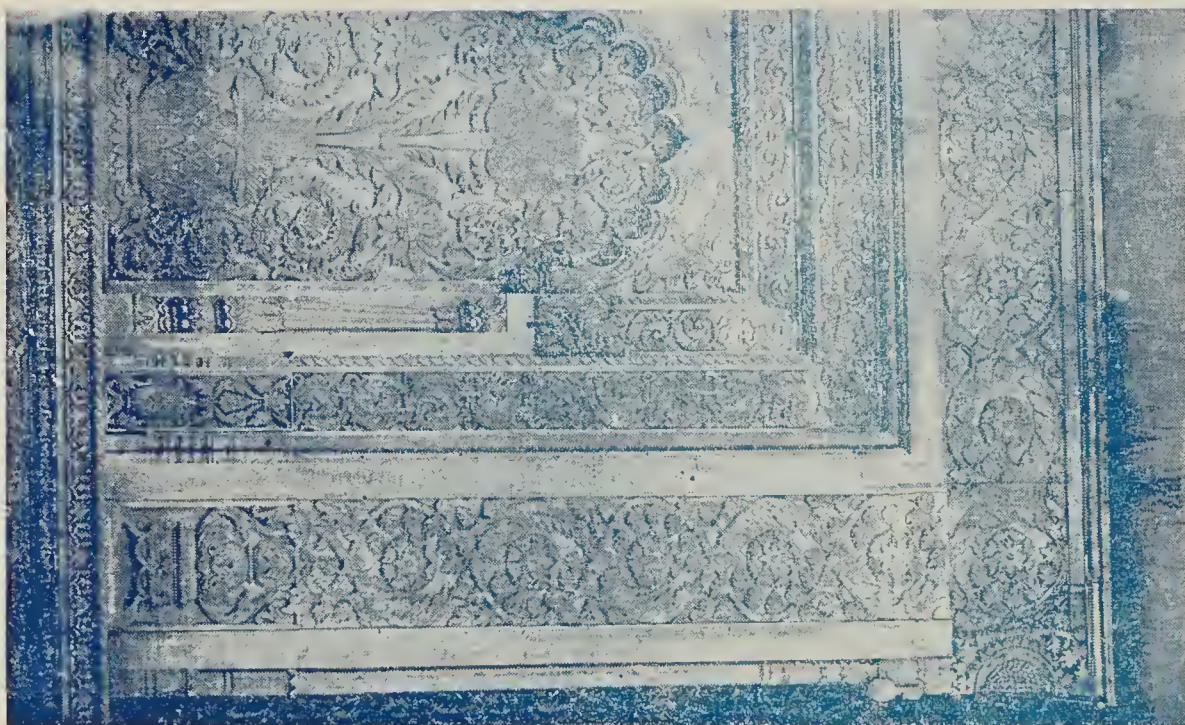
Panel in shape of doorway. **Rs. 125**.
5'-6" long, 10'-6" high.

PANELS—*Continued.*



No. 45.

Panel in shape of doorway. **Rs. 125.** 6'-3" long, 10'-3" high.



No. 46.

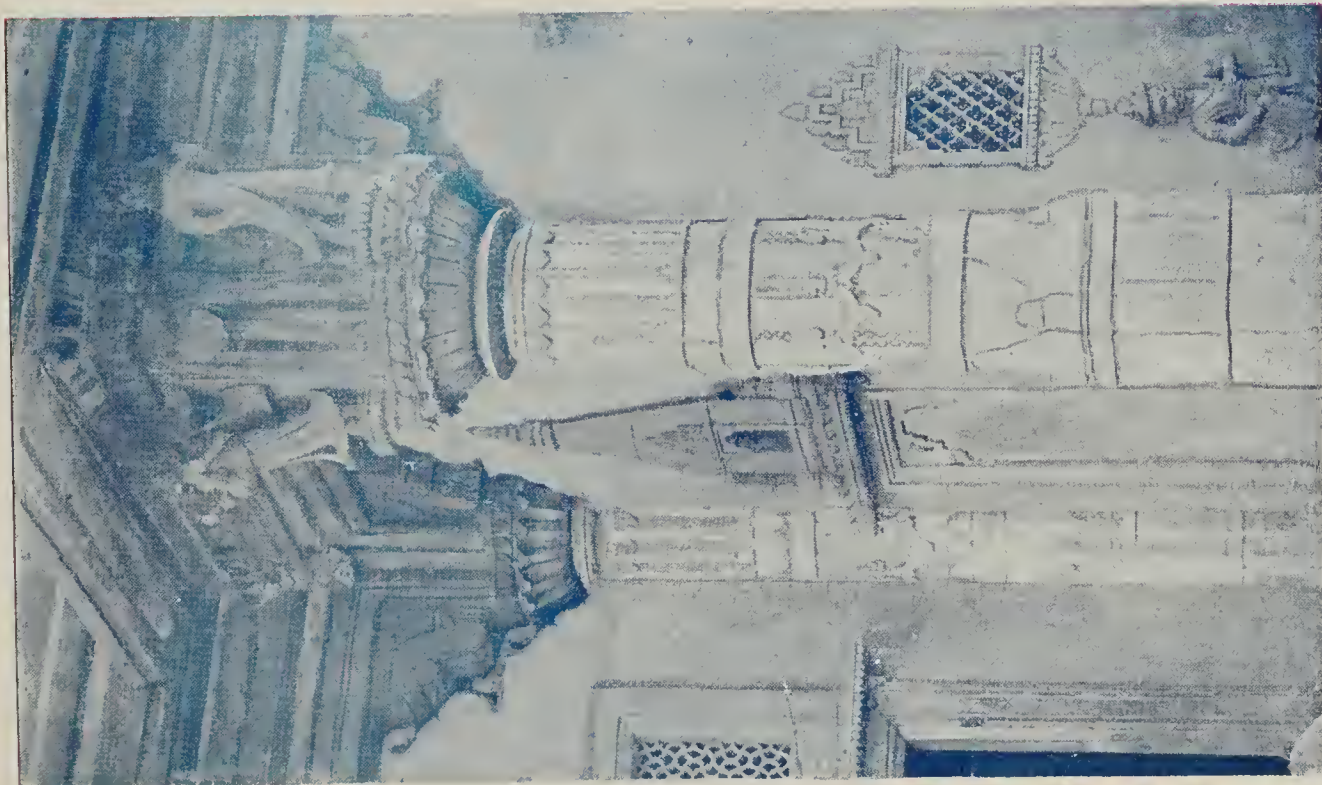
Panel in shape of doorway complete. **Rs. 200.** 6' 3" long,
10'-6" high.

PANELS—*Continued.*



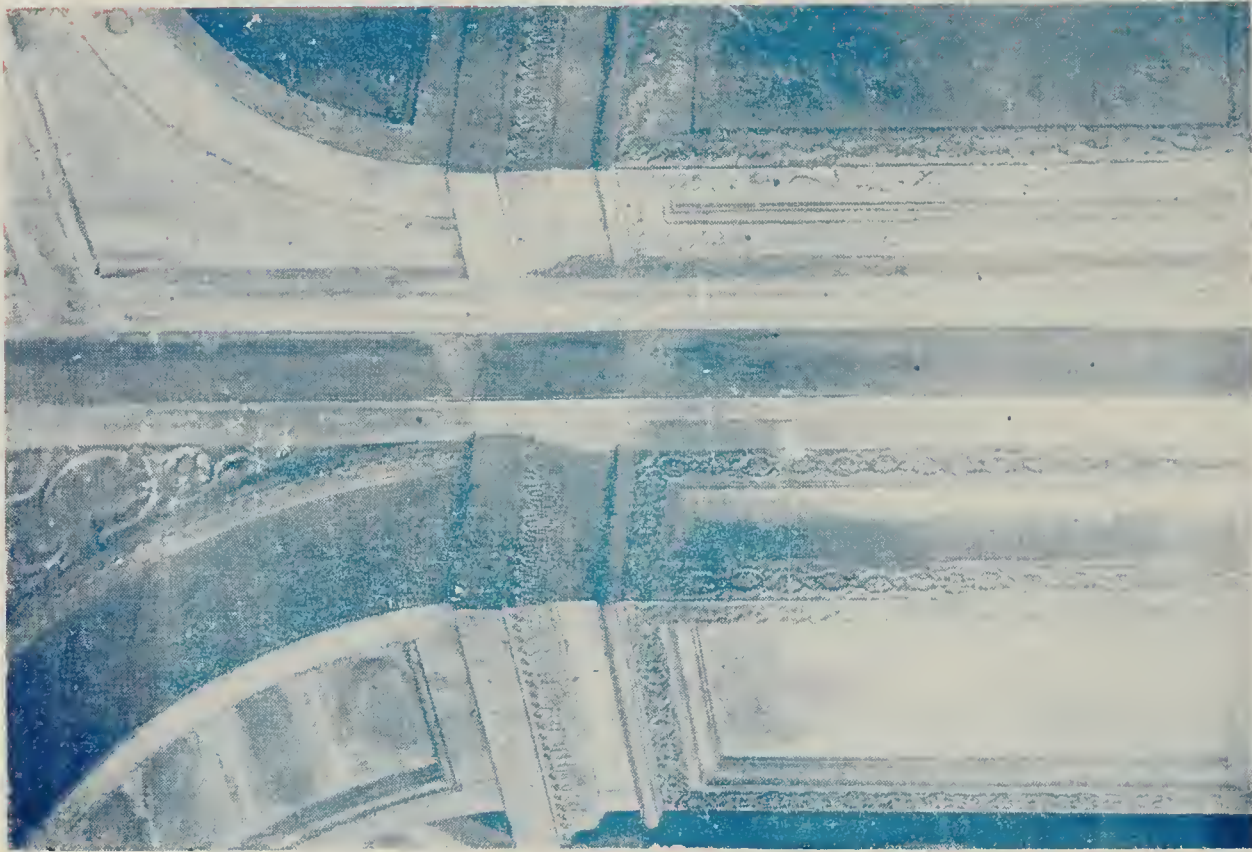
No. 47.
Panel in shape of doorway. **Rs. 125.** 7'-3" long, 8'-0" high.

BINDRANI.



No. 48.
Rs. 6 per cubic foot.

ARCH PILLARS.



No. 49.
Re. 1 per cubic foot.

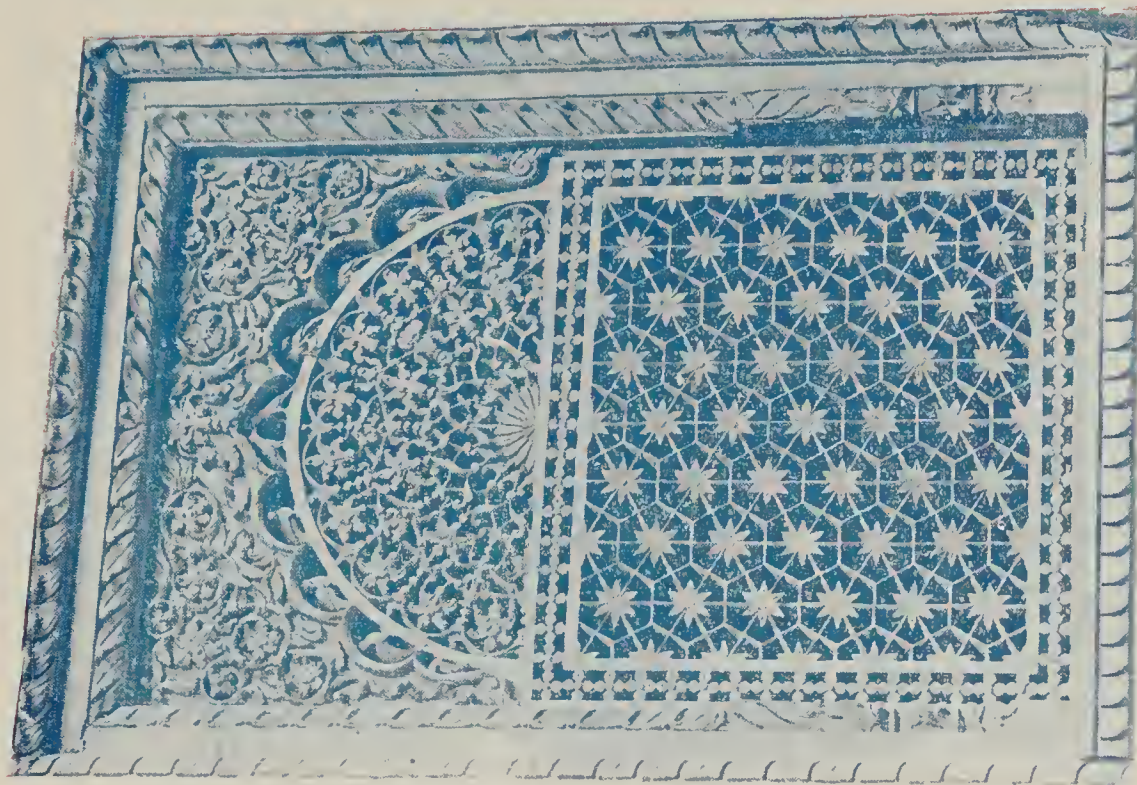
PANEL.



No. 50.

Price Rs. 2 3 1/2 per square foot, 4" thick.

CLOSED DOORWAY.



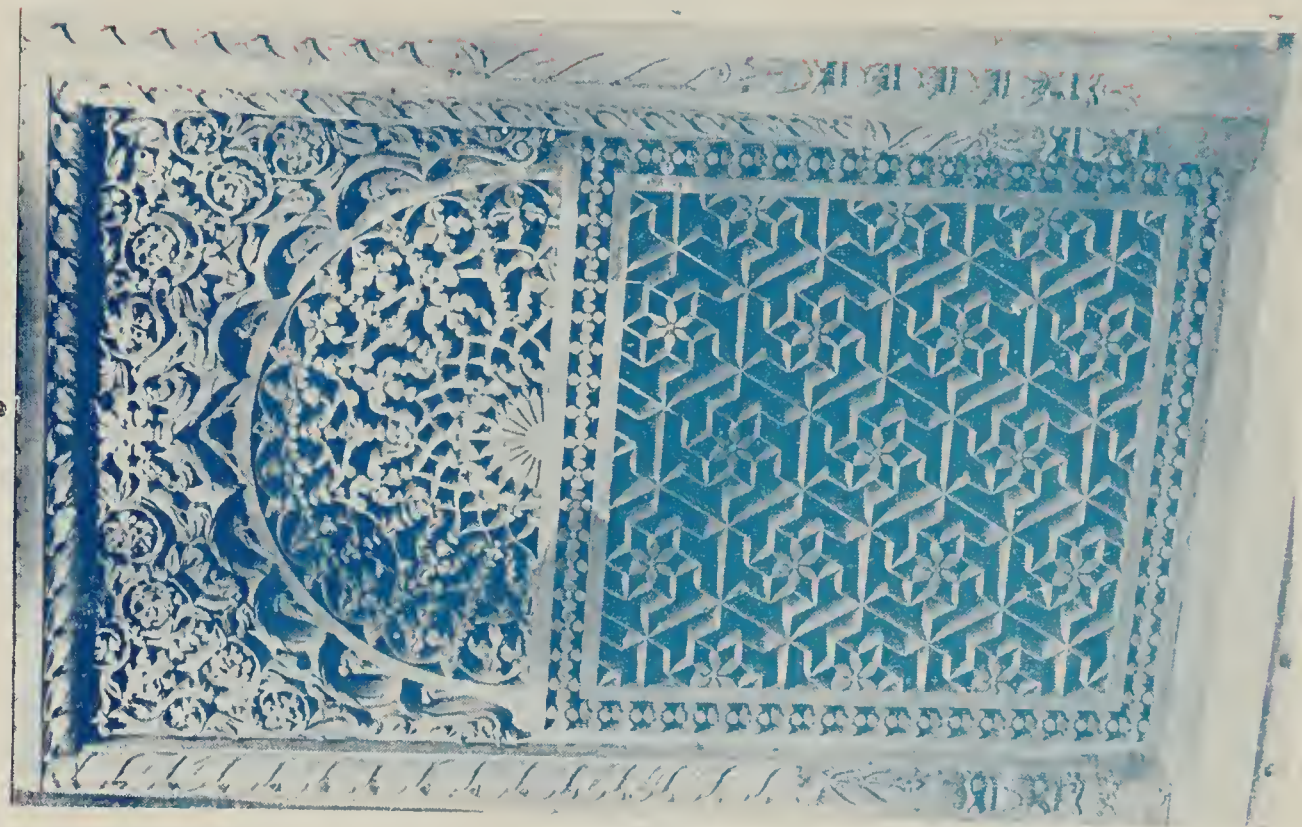
No. 51.
Rs. 3-12 per square foot.

STAIRCASE RAILING.



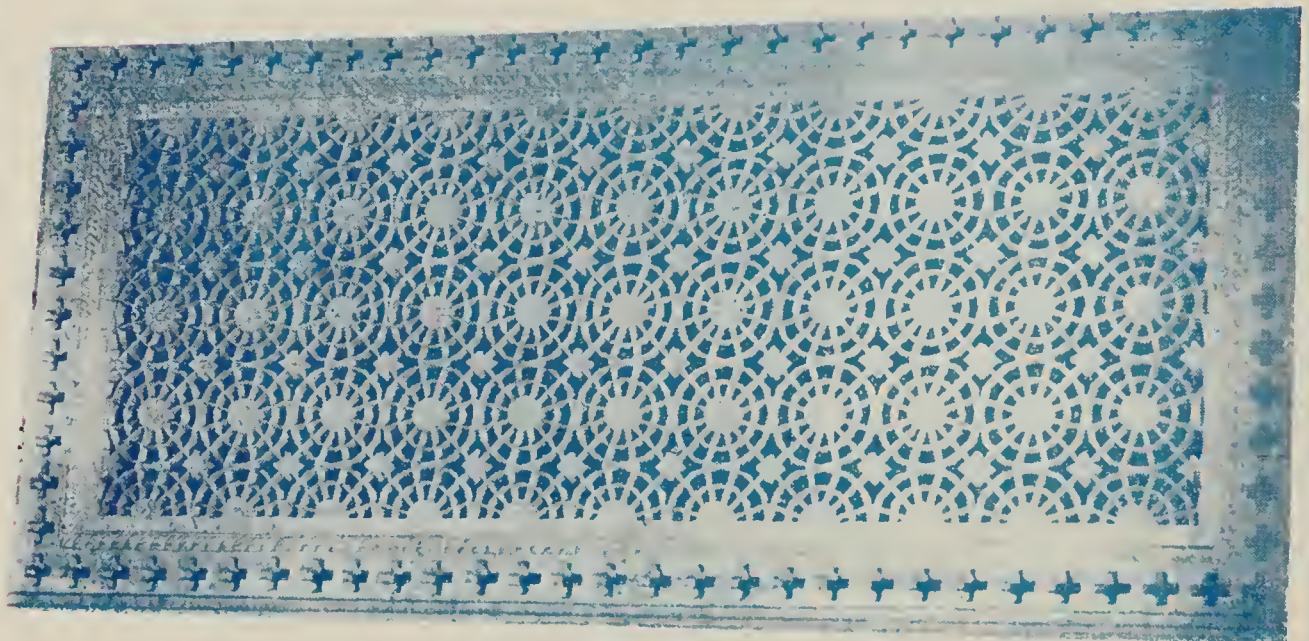
No. 52.
Rs. 2-8 per lineal foot.

SCREEN.



No. 53.

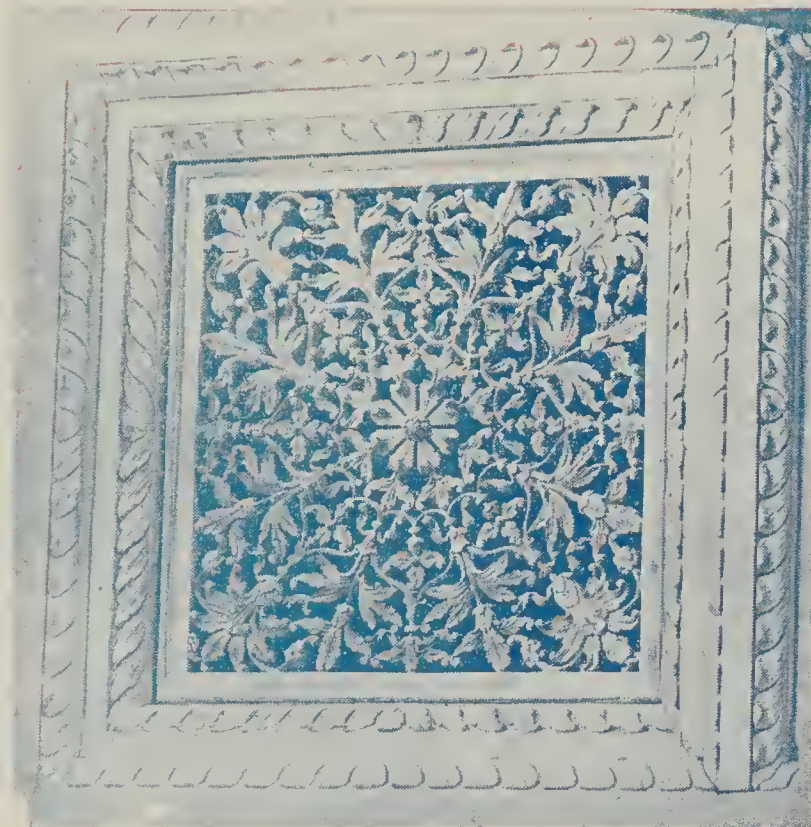
Rs. 3-12 per square foot, perforated.



No. 54.

Screen Rs. 3 per square foot.

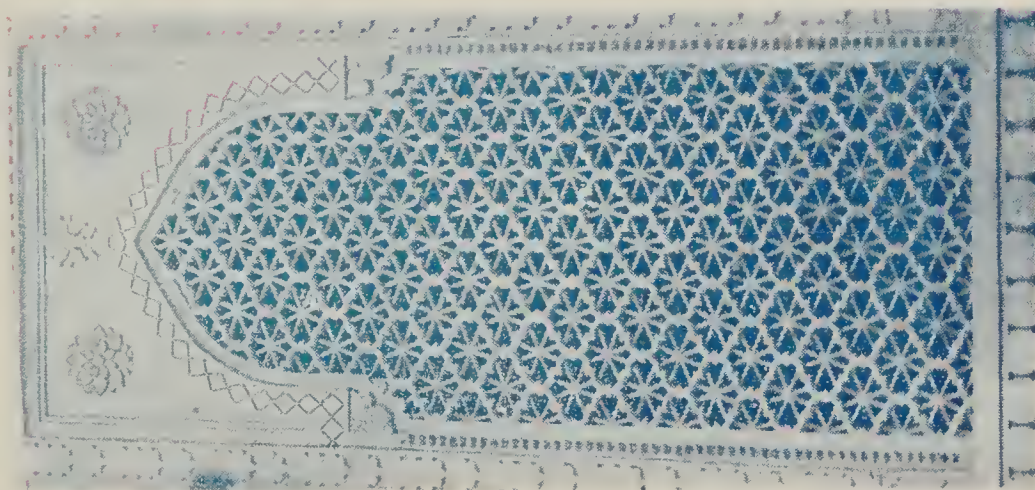
PANEL.



No. 55.

Panel per square foot, Rs. 2-12, thickness 3".

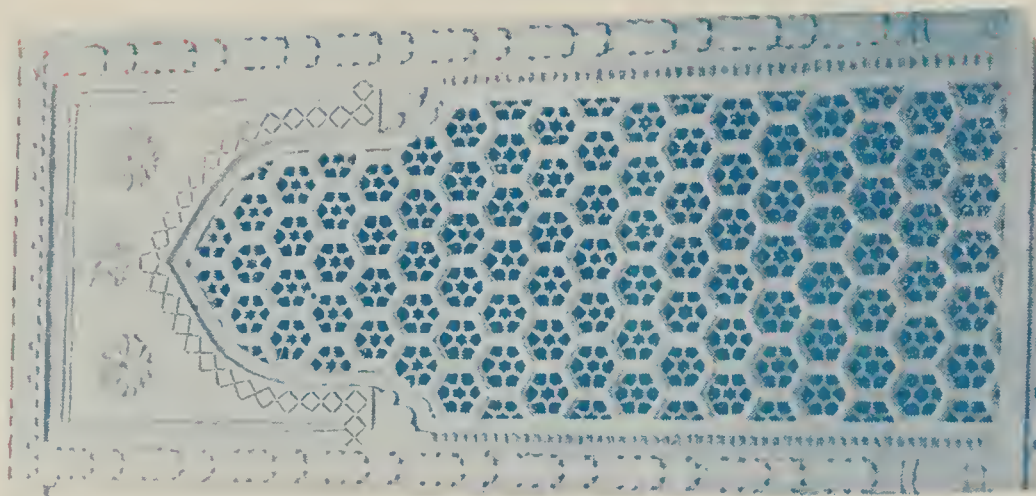
PERFORATED SCREEN.



No. 56.

Rs. 4 per square foot.

PERFORATED SCREEN *Continued.*



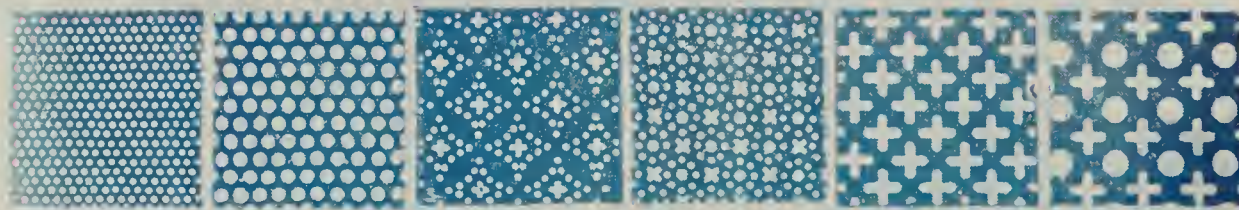
No. 57.
Rs. 4 per square foot

PARAPET.



No. 58.
Per square foot, 3" thick Rs. 4

PERFORATED SCREEN — *Per square foot.*



No. 59.
Rs. 2 per sq. ft.

No. 60.
Rs. 2.

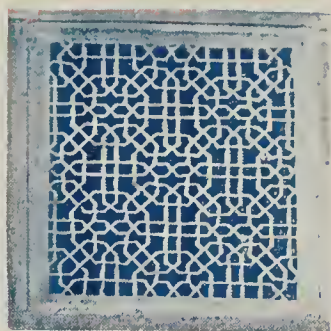
No. 61.
Rs. 3.

No. 62.
Rs. 2.

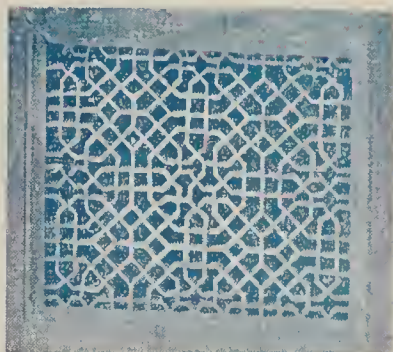
No. 63.
Rs. 3.

No. 64.
Rs. 2-3.

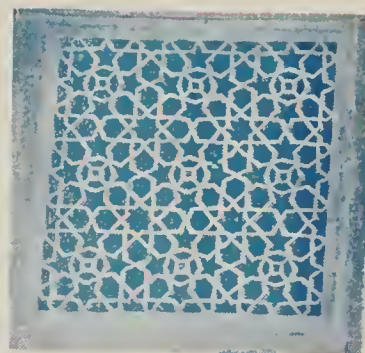
PERFORATED SCREEN (*Per square foot*).—*continued*.



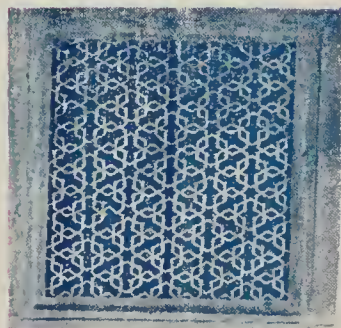
No. 65.
Rs. 3-8.



No. 66.
Rs. 3.



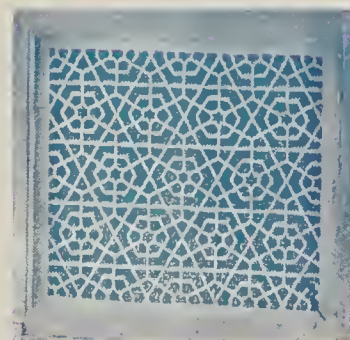
No. 67.
Rs. 3-8.



No. 68.
Rs. 4.



No. 69.
Rs. 4



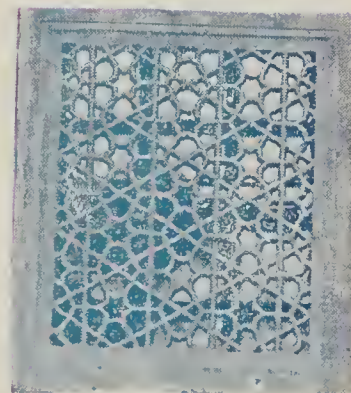
No. 70.
Rs. 3-8.



No. 71.
Rs. 7-8.

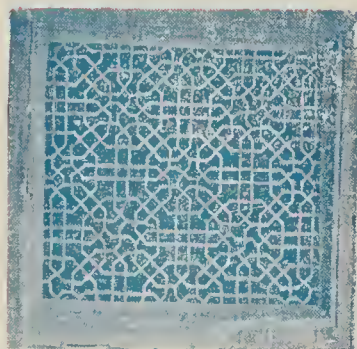


No. 72.
Rs. 4.

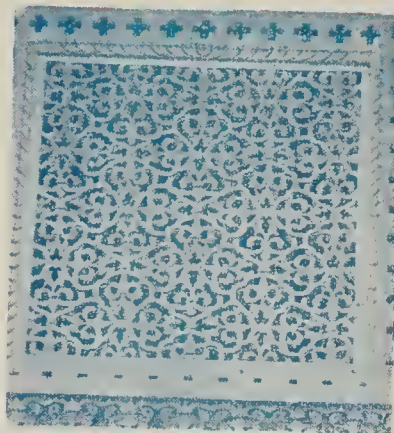


No. 73.
Rs. 3.

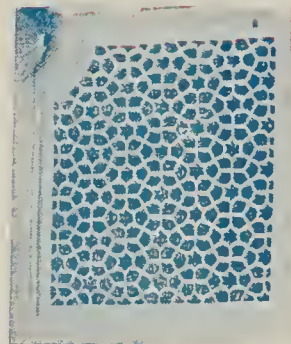
PERFORATED SCREEN (*Per square foot*).



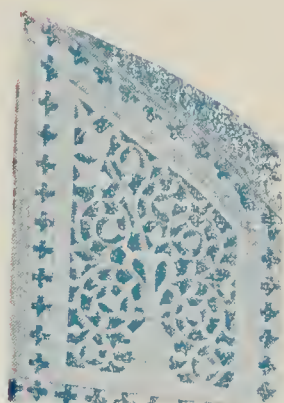
No. 74.
Rs. 4.



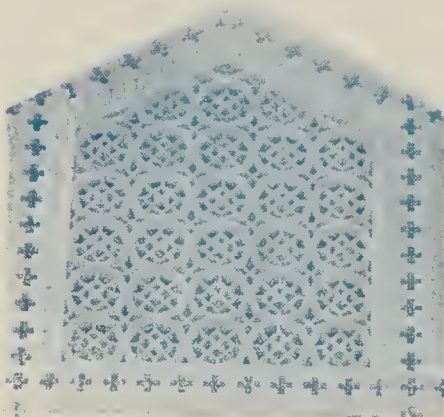
No. 75.
Rs. 3 8.



No. 76.
Rs. 3.



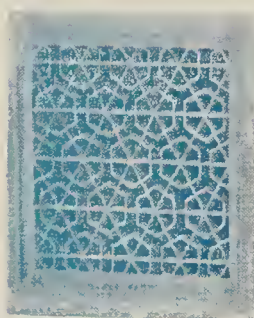
No. 77.
Rs. 4.



No. 78.
Rs. 4.



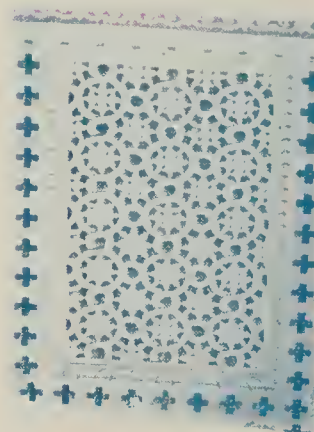
No. 79.
Rs. 4.



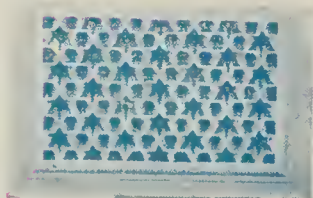
No. 80.
Rs. 3 3.



No. 81.
Rs. 4.



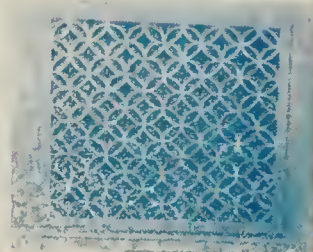
No. 82.
Rs. 4.



No. 83.
Rs. 4.

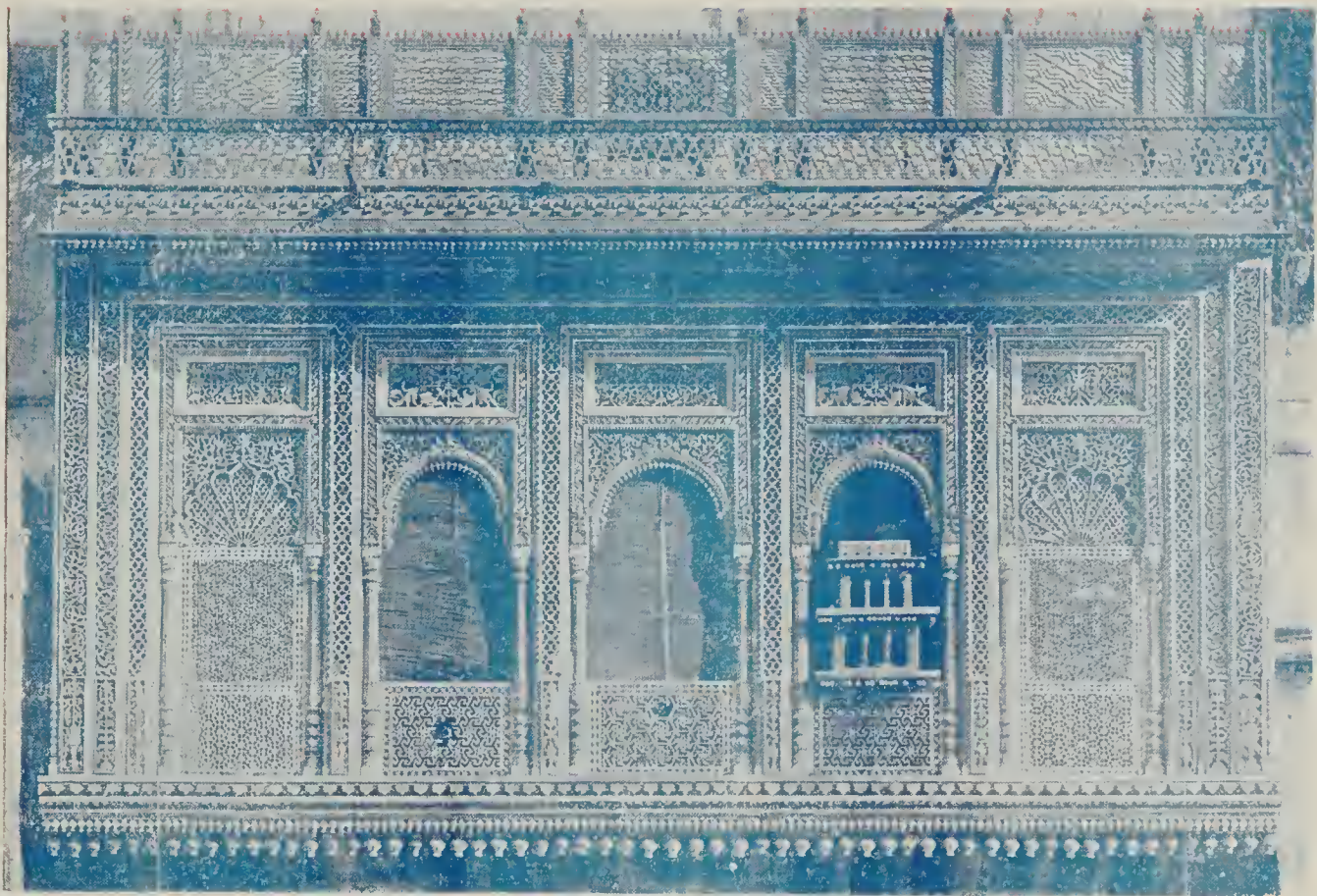


No. 84.
Rs. 4.



No. 85.
Rs. 3.

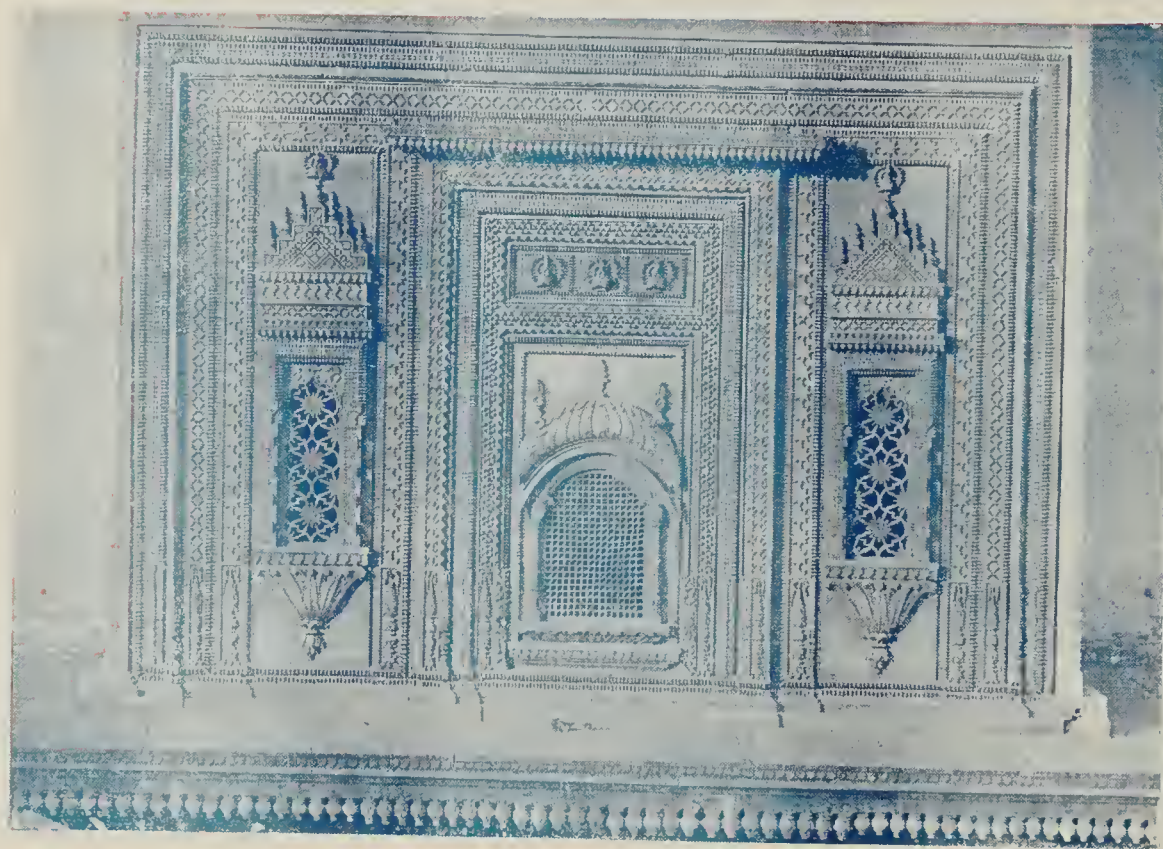
BALCONY.



No. 86.

Balcony of five bays in front and one at each end complete.
18' long and 12' high, 6" thick. Rs. 1500 or Rs. 5.4 per square foot.

SCREEN WORK.



No. 87.

Screen work of three bays.

15' long by 10'-6" high. Rs. 1,000 or Rs. 6 per square foot

BALCONY.



No. 88.

Balcony of 3 bays and one bay at either end.
16'-6" long by 12' high. Rs. 1,000 or Rs. 4 per square foot.

BALCONY—*continued.*



No. 89.

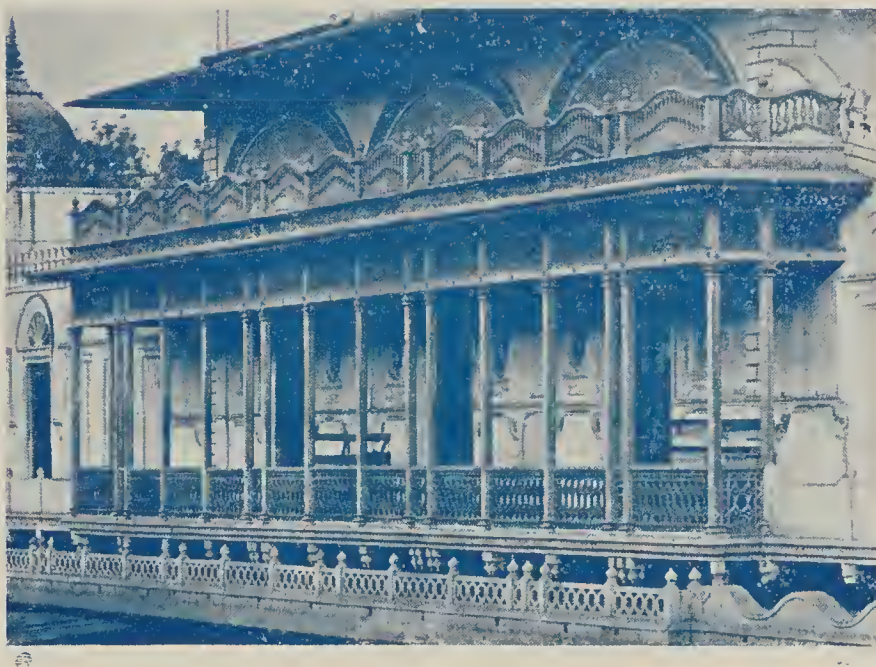
Balcony of five bays in front and one bay at either end.
17 long by 11'-6" high. Price Rs. 1,200, or Rs. 4-8 per square foot.

BALCONY—*continued.*



No. 90.

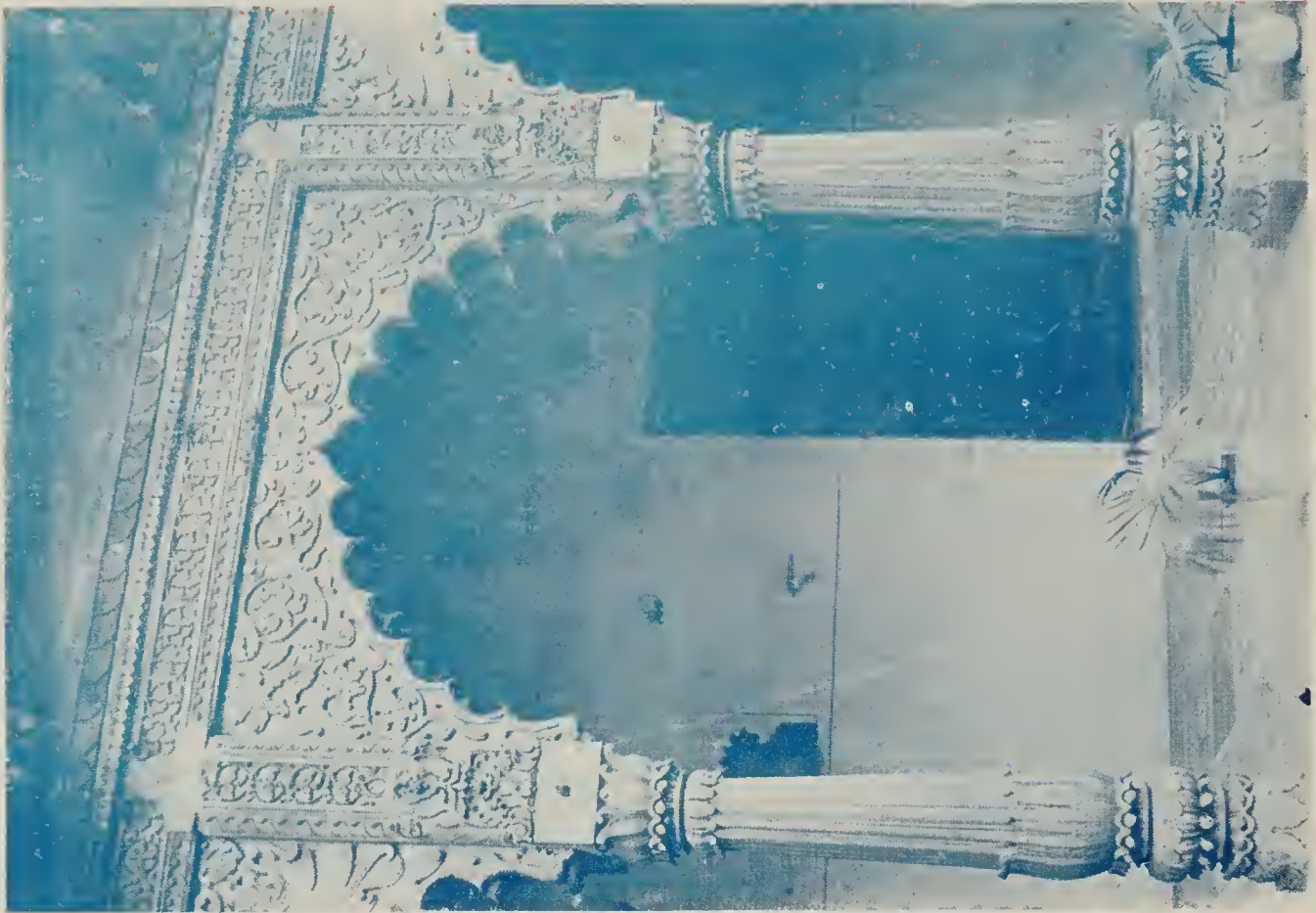
Balcony of 5 bays in front and one at either end.
17' long by 10' high. Price Rs. 800, or Rs. 3-8 per square foot.



No. 91.

Balcony. 40' long by 11' high. Price Rs. 1500.

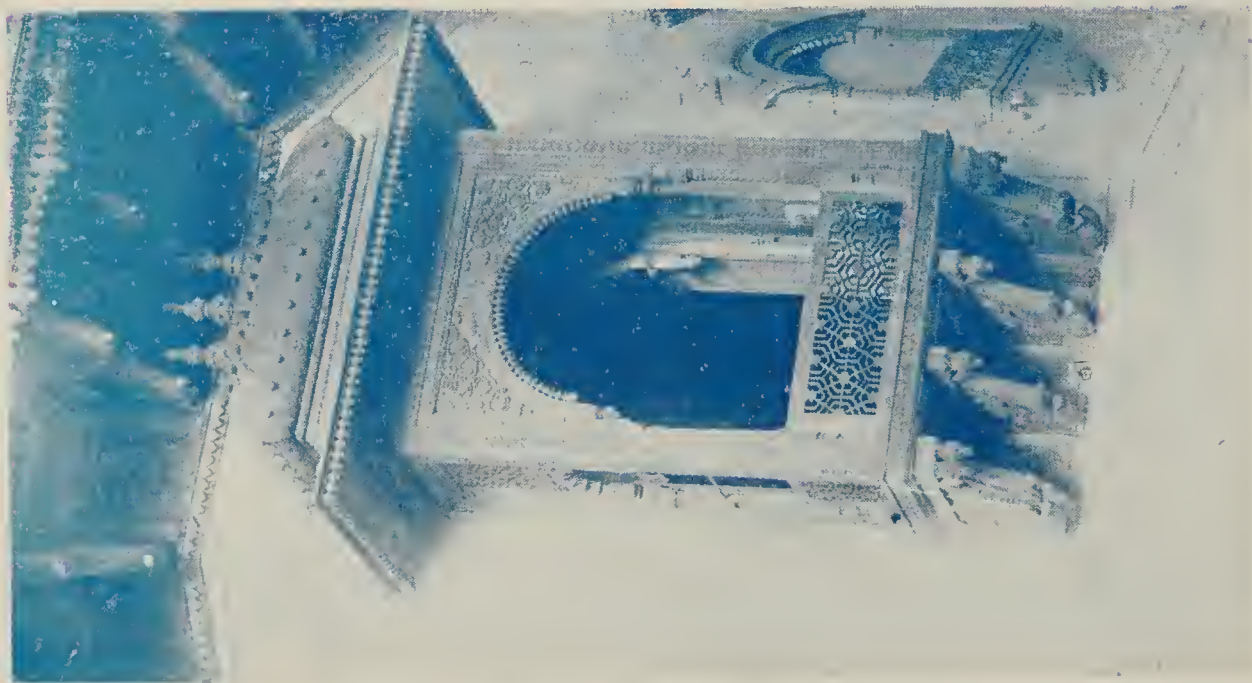
ARCHES.



No. 92.

Three arches like this for verandah.
17'-6" long by 11' high by 15" thick. Price Rs. 1,000.

WINDOW.



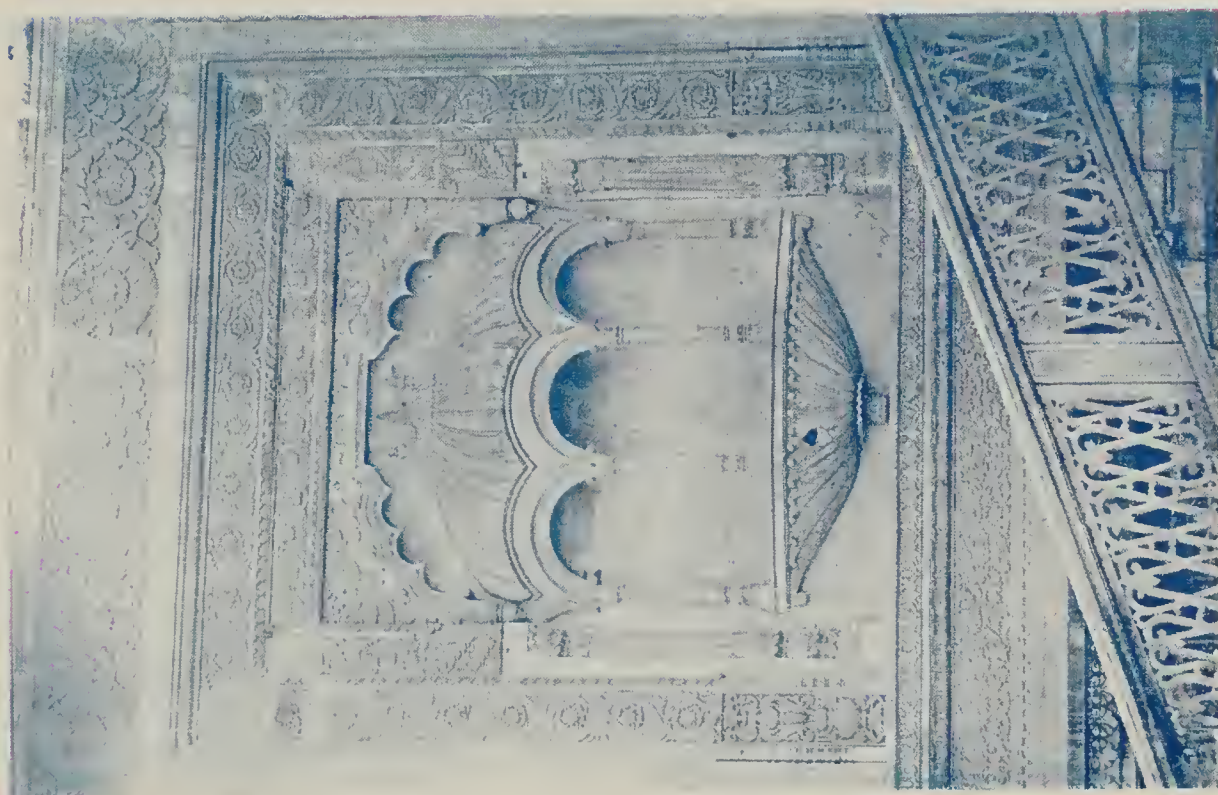
No. 93.

Window 5'-9" long by 12'-6" high. Price Rs. 500.

WINDOWS.

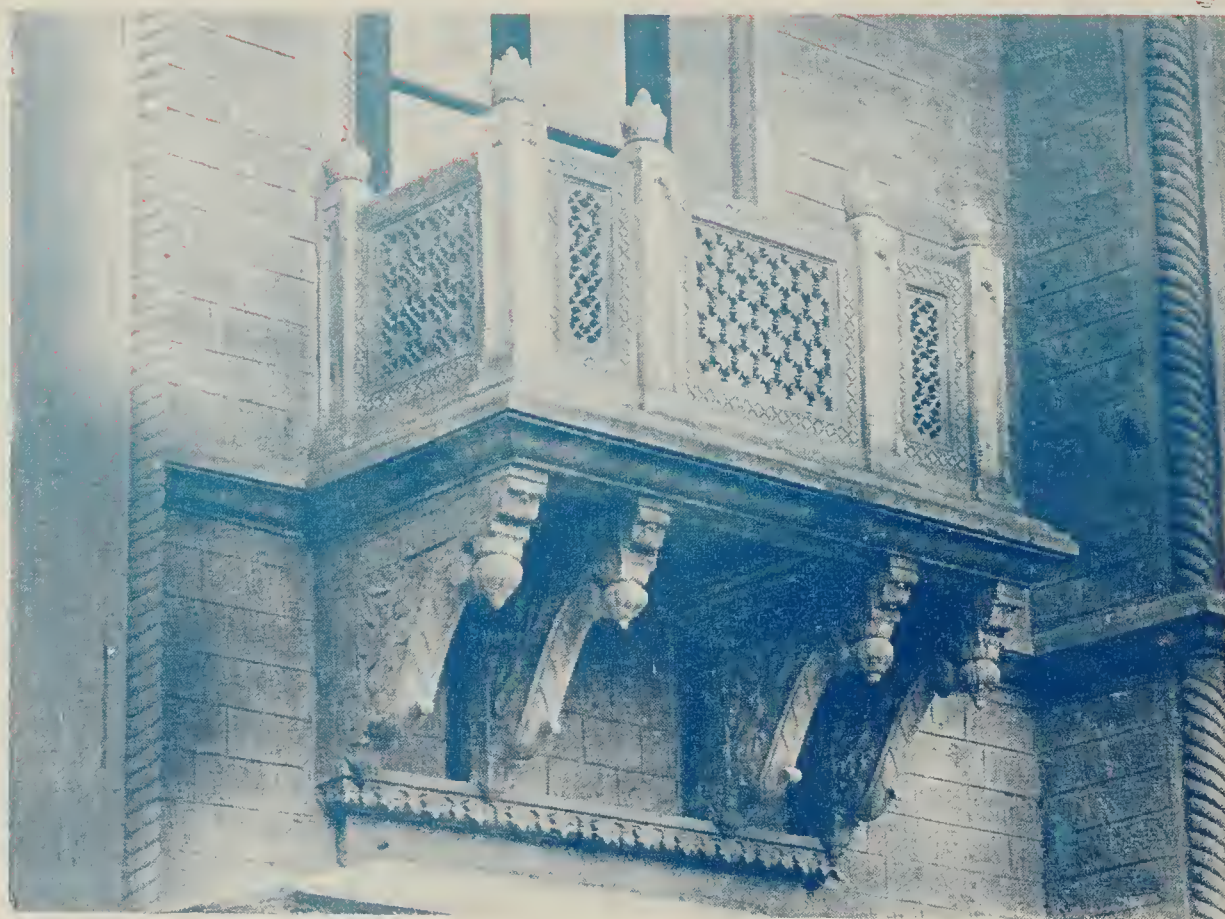


No. 94.
Three windows. Price Rs. 500.



No. 95.
Decorative window panel set into wall. 10' long by 12' high.
Price Rs. 500.

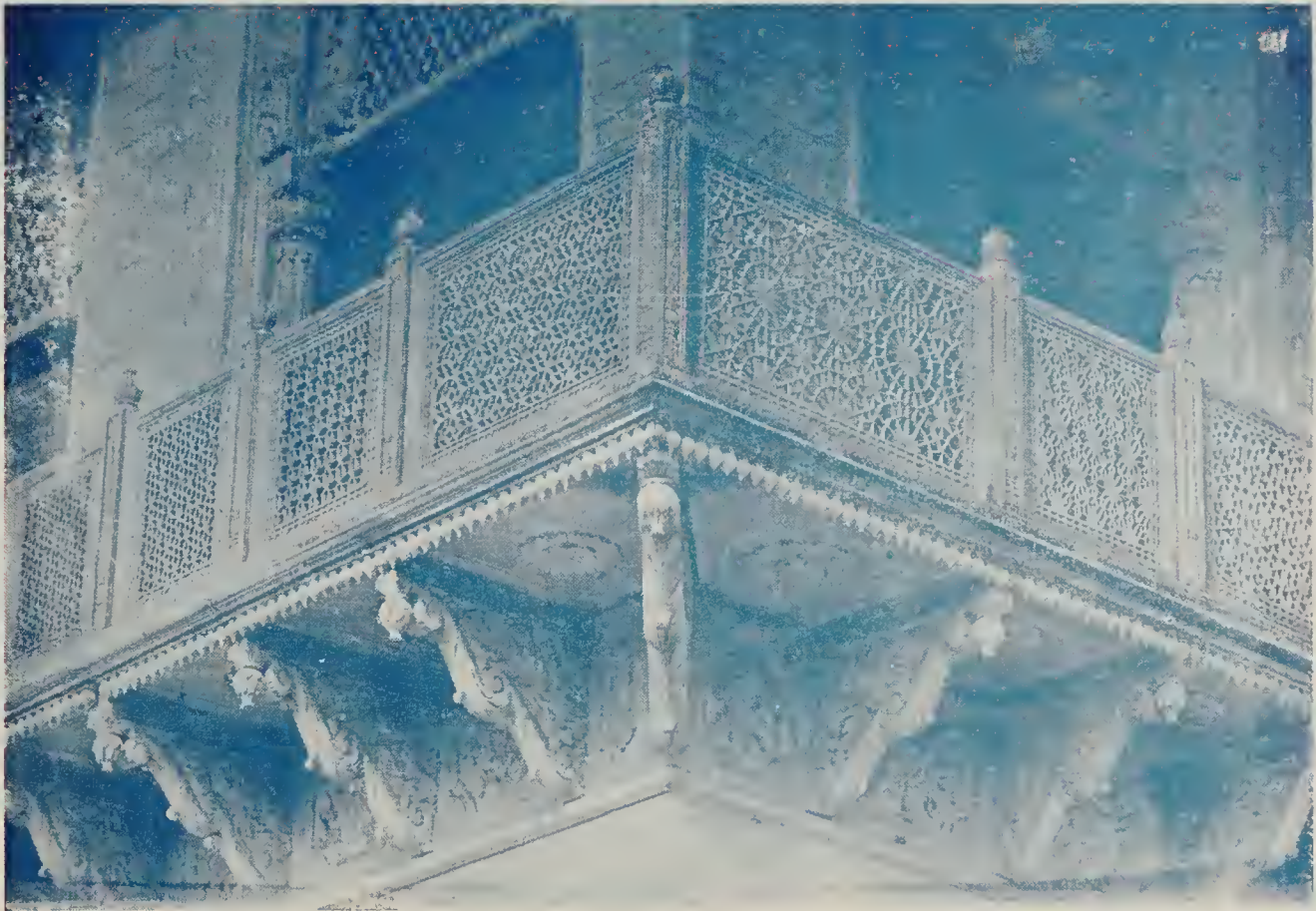
BALCONY.



No. 96.

Window balcony including brackets Price per running ft. Rs. 15.

BALCONY—*continued.*



No. 97.

Balcony, 3' wide, parapet 1'-9" high, brackets 2'-3" high. Price per lineal foot Rs. 20.

BALCONY—*continued.*



No. 98.
Window balcony. Price per lineal foot Rs 15.

GARDEN SEAT.



No. 99.

Garden seat, with back and sides of perforated work. Length 6'.

Price Rs. 175.

DOMES.



No. 100.

Domes, 1-3" thick in cut stone.

Price Rs. 3 per cubic foot.

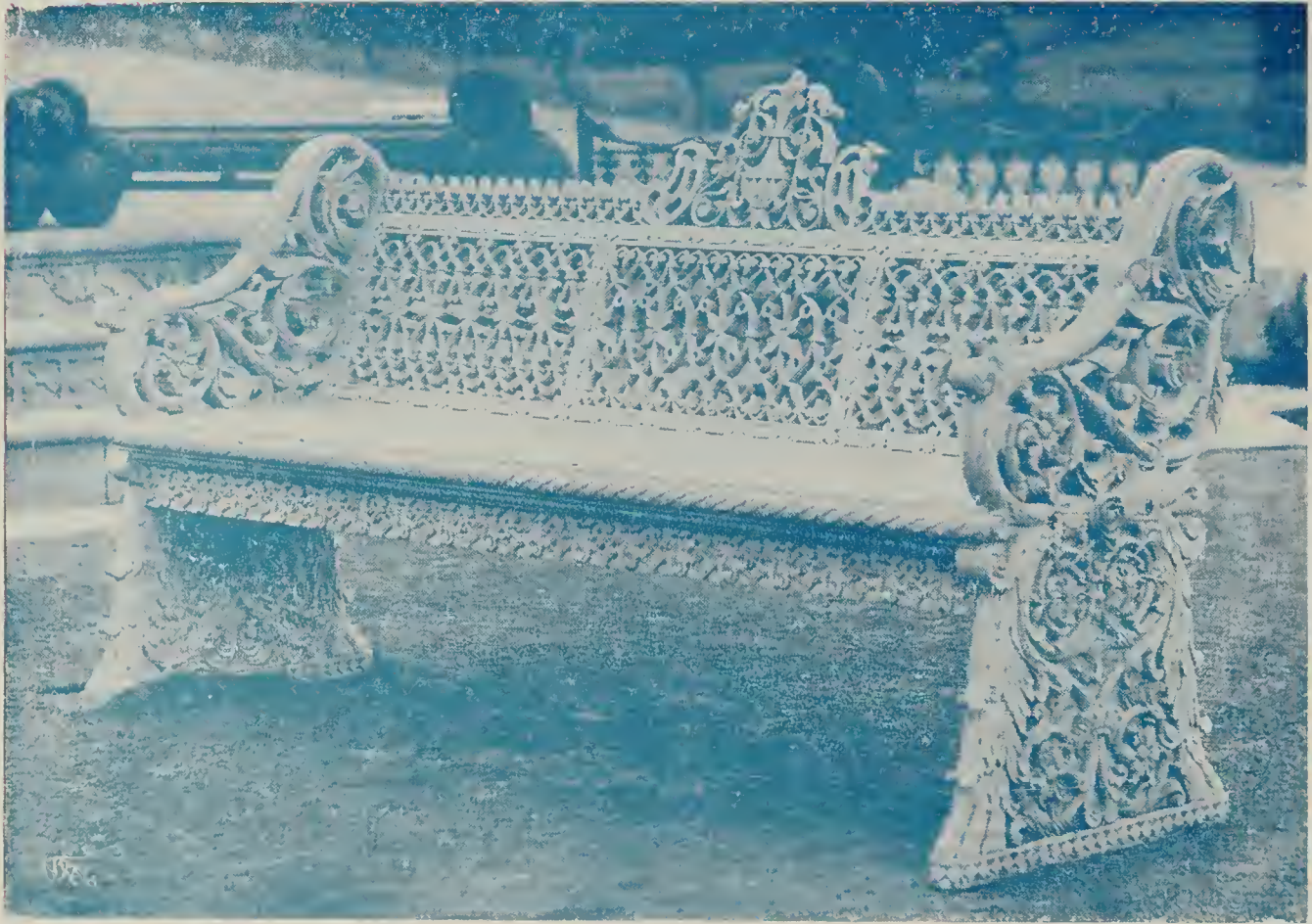
ARCH OF OCTAGON.



No. 101.

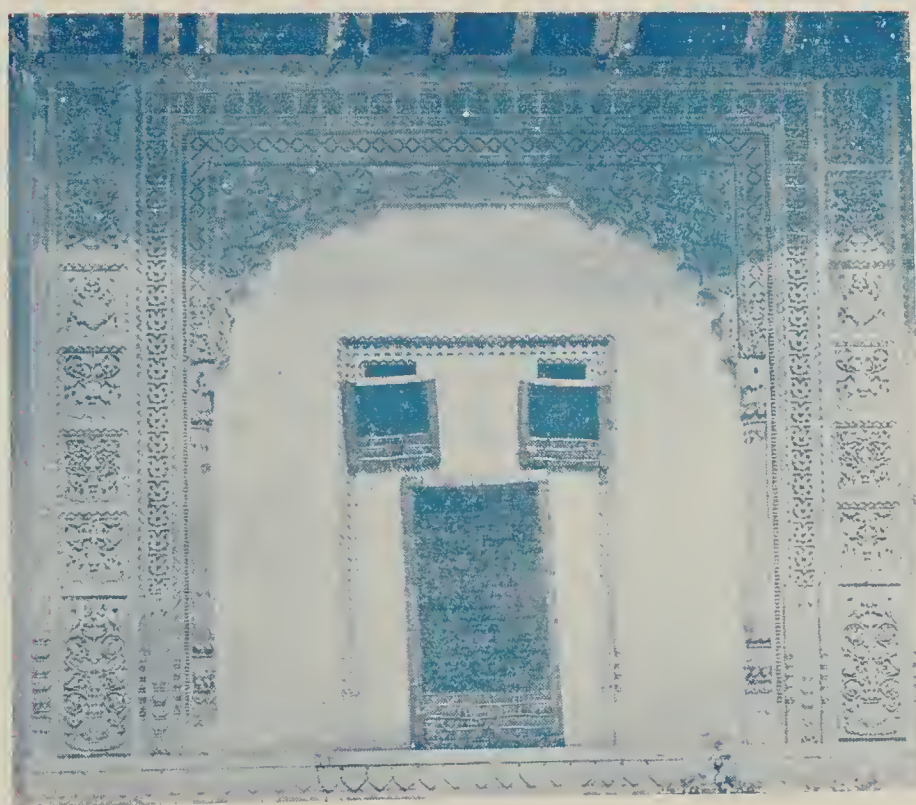
Arch of Octagon. Price Rs. 2-8 per cubic foot.

GARDEN SEAT.



No. 102.
Garden seat about 6' long. Rs. 200.

DECORATIVE ARCH PANEL.

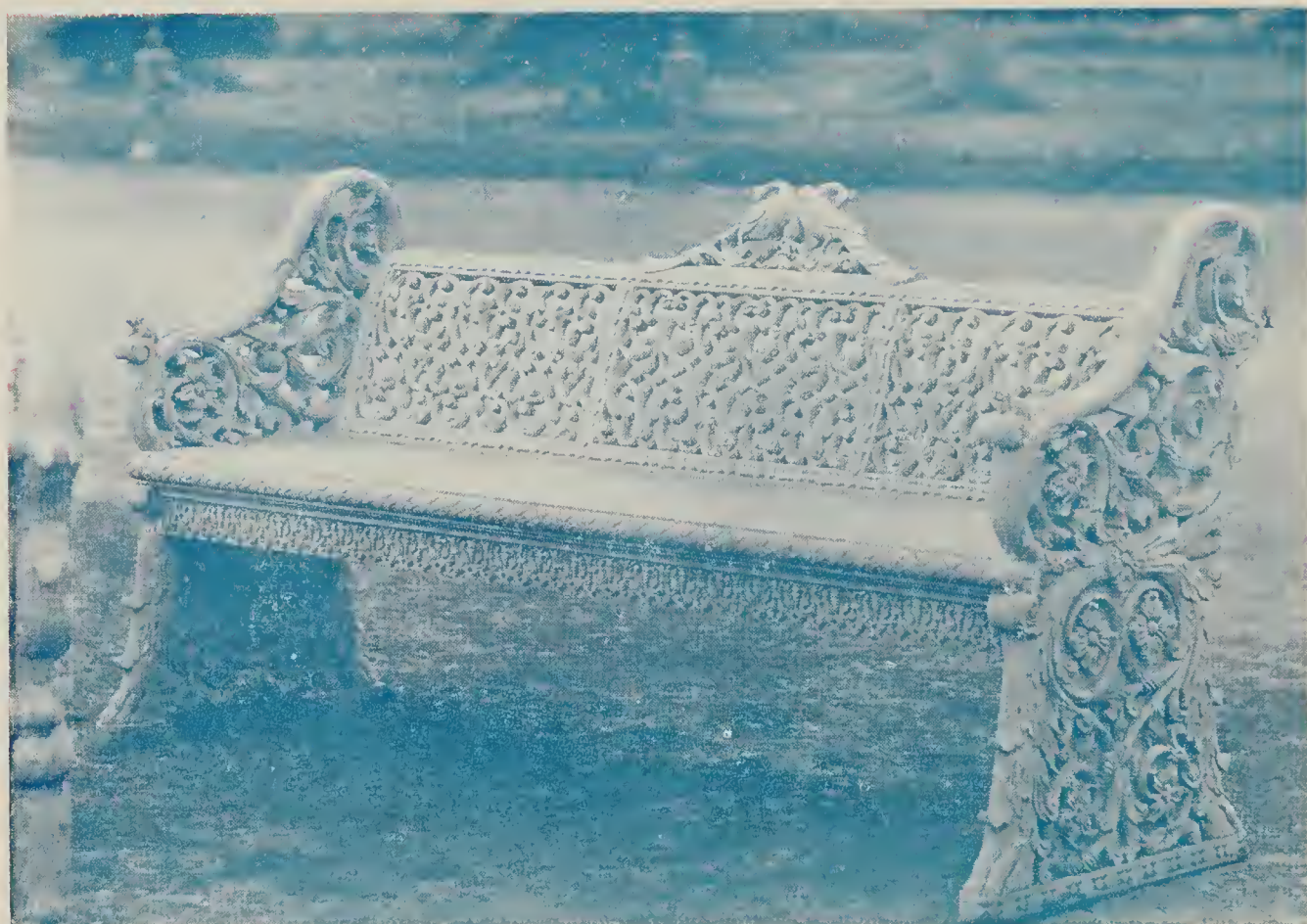


No. 103.

Decorative arch panel. 12' long by 10'-6" high and 15" deep.

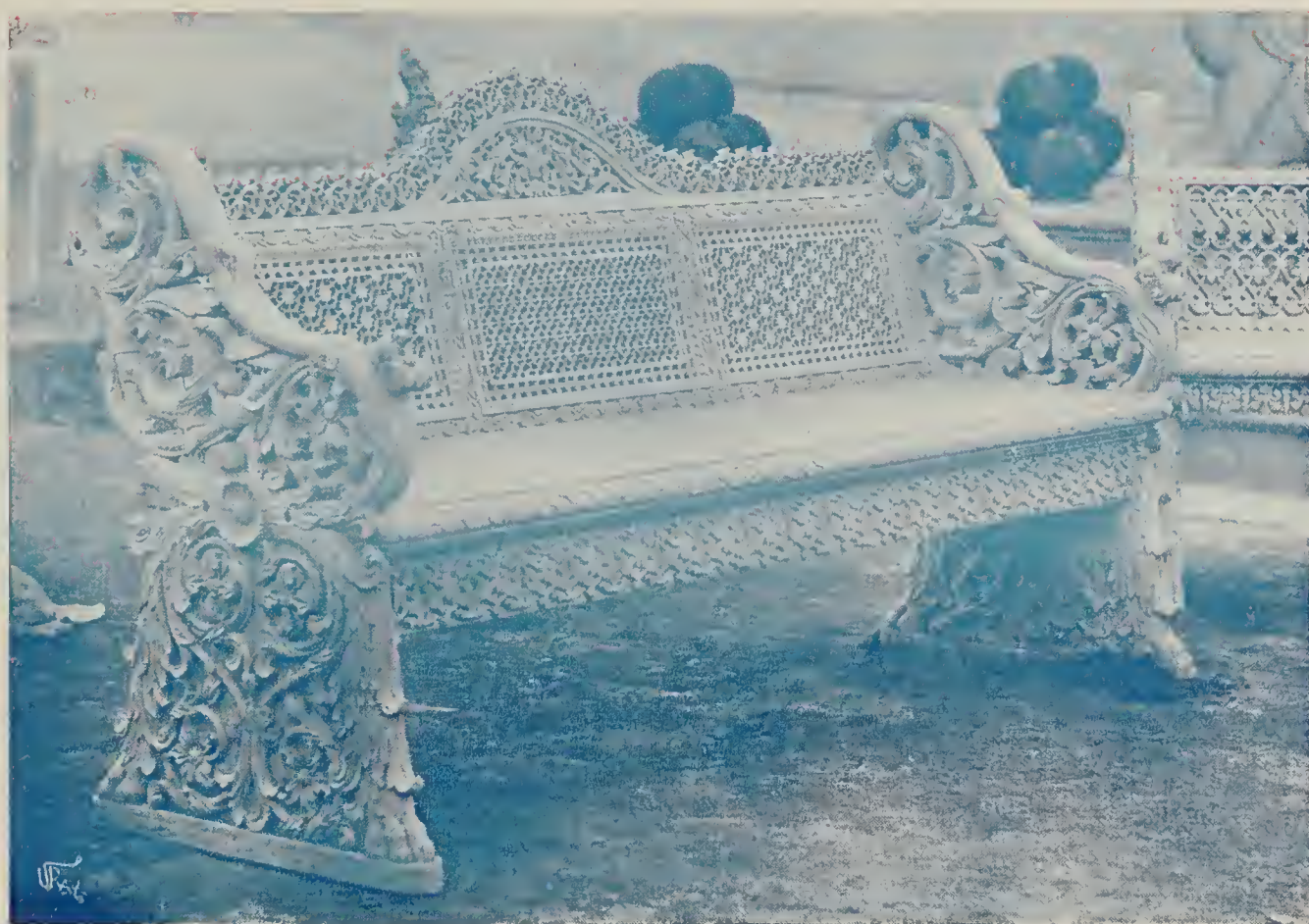
Price Rs. 425.

GARDEN SEAT.



No 104.
Garden seat about 6' long. Price Rs. 175.

GARDEN SEAT.--*continued.*



No. 105.

Garden seat, about 6' long. Price Rs. 300.

GARDEN TABLE.



No. 106.

Garden table about 4' by 4'. Price Rs. 250.

LAMP BRACKET.



No. 107.

Lamp bracket 2'-6" long by 2' high. Rs. 50.

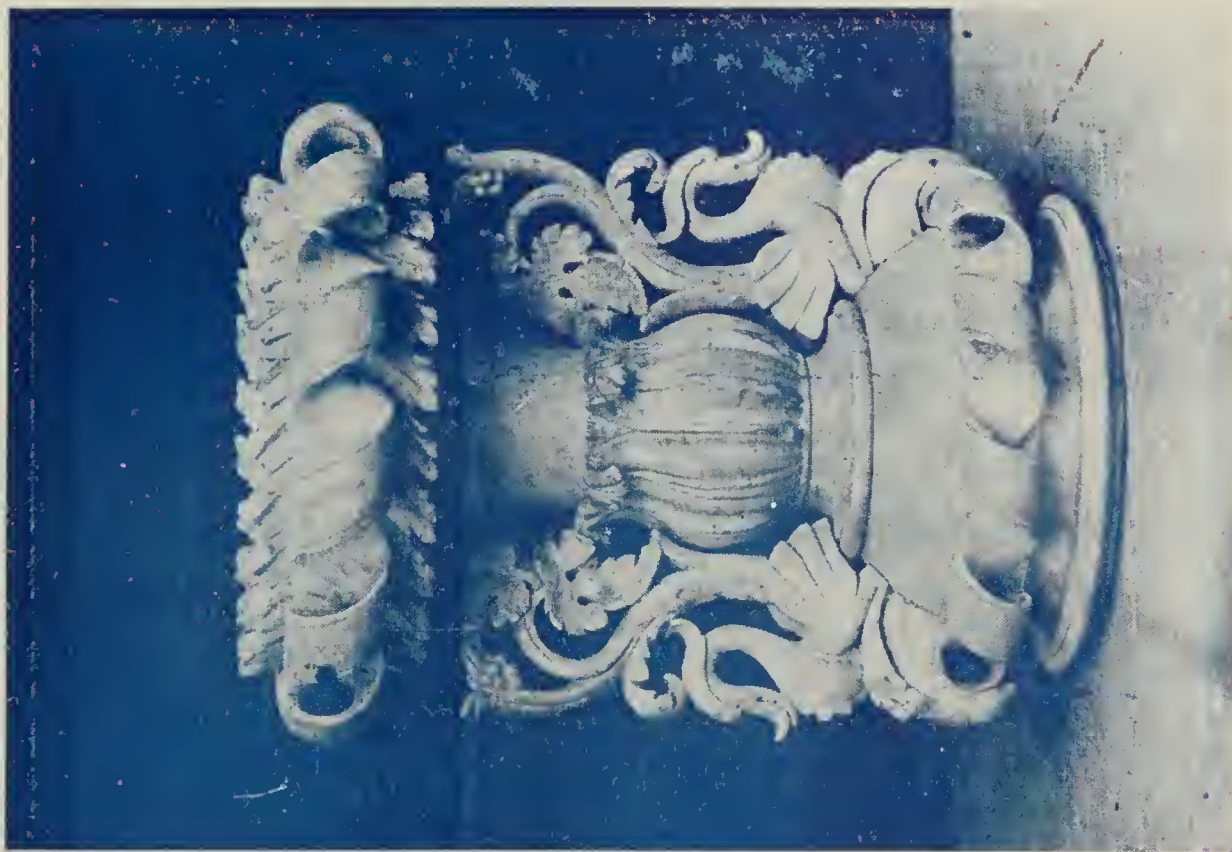
FLOWER VASE.



No. 108.

Flower vase about 2' high. Price Rs. 50.

FLOWER VASE--*continued.*



No. 109.
Flower vase. Price according to size.



No. 110.
Flower vases. Rs. 35 each.

ORNAMENTAL DRAIN.



No. 111.

Ornamental drain spout of temple, 4' long by 2'-6" high Price Rs. 50.



No. 112.

Ornamental drain spout of temple, 5' long by 2'-6" high. Price Rs. 60.

